

Antibodies For Neurobiology Research

Alzheimer's Disease

Product	Cat. No.	Applications	Size
Anti-β-Amyloid (1-40) (Ab-1) (Rabbit)	PC149	IB, ELISA, RIA	25 µg
Anti-β-Amyloid (1-42) (Ab-1) (Rabbit)	PC150	IB, ELISA, RIA	25 µg
Anti-β-Amyloid (1-43) (Ab-1) (Rabbit)	PC151	IB, ELISA, RIA	25 µg
Anti-Pan β-Amyloid (Ab-1) (Rabbit)	PC152	ELISA, IH, RIA	100 µg
Anti-Amyloid Precursor Protein, Human (Monoclonal)*	171537	IB, IH	100 µg
Anti-Amyloid Precursor Protein, N-Terminal (44-63), Human (Goat)	171598	ELISA, IH	100 µl
Anti-Amyloid Precursor Protein (681-695) Human (Goat)	171599	ELISA, IB, IH	100 µl
Anti-Amyloid Precursor Protein, Frameshift Mutant, Human (Goat)	171600	ELISA, IB, IH	100 µl
Anti-Apolipoprotein E, Human (Goat)	178479	ELISA, IB	500 µl
Anti-ERAB (Ab-1) (Rabbit)	PC243	IB, PS	25 µg
Anti-Glycogen Synthase Kinase-3α/β (Monoclonal)	368662	IB	100 µl
Anti-Glycogen Synthase Kinase-3β (Ser ⁹)(Ab-1)(Rabbit)	PC242	ELISA, IB	50 µg
Anti-Glycogen Synthase Kinase 3β, C-Terminal (334-348), Rat (Rabbit)	361528	ELISA, IB	100 µg
Anti-Presenilin-1, N-Terminal, Human (Goat)	529586	ELISA, IH	100 µl
Anti-Presenilin-1 (31-46) (Ab-1) (Rabbit)	PC244	IFA	50 µg
Anti-Presenilin-1 (303-316) (Ab-2) (Rabbit)	PC267	IB, IFA	50 µg
Anti-Presenilin-1 (14-33) (Ab-3) (Rabbit)	PC361	FS, PS	100 µl
Anti-Presenilin-2 (31-47), Human (Goat)	529587	ELISA, IH	100 µl
Anti-Presenilin-2 (7-24) (Ab-1) (Rabbit)	PC305	FS, IB	25 µg
Anti-Presenilin-2 (324-335) (Ab-2) (Rabbit)	PC235	FS, IB	25 µg
Anti-Serum Amyloid A, Non-Precipitating, Human (Sheep)	566703	IFA	1 ml
Anti-Serum Amyloid A, Precipitating, Human (Sheep)	566705	IEP, IH, IP, OT	1 ml
Anti-Serum Amyloid P, Human (Rabbit)	565191	IEP, IH, RID	1 ml
Anti-Serum Amyloid P, Mouse (Rabbit)	565192	IH, RID	1 ml
Anti-Serum Amyloid P, Mouse (Sheep)	565194	IH, RID	500 µl
Anti-Tau (Ab-1) (Monoclonal)	NB16	FS, IFA, PS	100 µg

*Not for sale in Japan

Product	Cat. No.	Applications	Size
Anti-Tau, Bovine (Monoclonal)	577801	FS, IB, IFA, IP, PS	100 µg
Anti-Tau (Ser ¹⁹⁹ ,Ser ²⁰²), Phospho-Specific, Human (Rabbit)	577802	IB	10 Tests
Anti-Tau (Thr ¹⁸¹), Phospho-Specific, Human (Rabbit)	577804	IB	10 Tests
Anti-Tau (Thr ¹⁸¹), Phospho-Specific, Mouse (Rabbit)	577806	IB	10 Tests

Parkinson's Disease

Anti-Parkin (Ab-1) (Rabbit)	PC372	FS, PS	25 µg
Anti-Parkin, N-Terminal (83-97), Human (Goat)	512650	ELISA, IB, IH	100 µl
Anti-α-Synuclein, (116-131), Human (Goat)	575000	ELISA, IH	100 µl
Anti-α-Synuclein (Ab-1) (Rabbit)	PC325	FS, IB, IFA	50 µl
Anti-β-Synuclein (Ab-1) (Rabbit)	PC348	FS, IB, IFA	100 µg

Other Neurological Diseases (ATM, ALS, SMA, BSE, etc.)

Anti-ATM (Ab-1) (Rabbit)	PC85	IB	100 µg
Anti-ATM (Ab-2) (Monoclonal)	OP90	IP	200 µg
Anti-ATM (Ab-3) (Rabbit)	PC116	IB, IP	100 µg
Anti-Excitatory Amino Acid Transporter (GLT-1) (Ab-1) (Rabbit)	PC154	IB, IP	100 µl
Anti-Excitatory Amino Acid Transporter 2 (EAAT2) (Ab-2) (Rabbit)	PC339	IB	100 µg
Anti-Glucose Transporter-3, Human (Rabbit)	400062	ELISA, IB, IFA, IH, IP	50 µg
Anti-Glucose Transporter-3, Rat (Rabbit)	400063	ELISA, IB, IFA, IH	50 µg
Anti-GluR1 (Ab-1) (Rabbit)	PC246	IB, IFA	50 µg
Anti-GluR1 (Ab-2) (Rabbit)	PC259L	IB, IC, IP, FS, VS	50 µg
Anti-GluR1, Phospho-Specific (Ser ⁸³¹), Mouse and Rat (Rabbit)	400058	IB	50 µl
Anti-GluR1, Phospho-Specific (Ser ⁸⁴⁵), Mouse and Rat (Rabbit)	400059	IB	50 µl
Anti-GluR2/3 (Ab-1) (Rabbit)	PC261L	FS, IB, IC, IP, VS	50 µg
Anti-GluR4 (Ab-1) (Rabbit)	PC262L	IB, IC, IP, FS, VS	50 µg
Anti-Neuronal Apoptosis Inhibitory Protein (NAIP) (Ab-1) (Rabbit)	PC245	IB, IFA, PS	25 µg
Anti-Prion PrP27-30, (79-97), Human (Goat)	530000	ELISA, IH	100 µl
Anti-Prion Protein (PrP) (Ab-1) (Rabbit)	PC360	IB, PS	100 µl

Other Neurological Diseases (cont.)			
Product	Cat. No.	Applications	Size
Protein (PrP) (Ab-2) (Rabbit)	PC404	IB, IH	100 µl
Anti-Prion Protein (PrP) (Ab-3) (Monoclonal)	NB36	IB	200 µg
Vesicular Trafficking / Synapse-Associated Proteins			
Anti- α -Adaptin (AP2) (Ab-1) (Monoclonal)	CP46	IB, IF, IP	100 µl
Anti-Amphiphysin 1 (Ab-1) (Monoclonal)	NB30	GS, IB	100 µg
Anti-Amphiphysin 1 (Ab-3) (Monoclonal)	NB32	FS, IB, IFA, IP	100 µg
Anti-Amphiphysin 1 (Ab-4) (Monoclonal)	NB33	FS, IB, IFA, IP	100 µg
Anti-Clathrin Heavy Chain (Ab-1) (Monoclonal)	CP45	IB, IP, IFA	100 µl
Anti- β -COP (Ab-1) (Rabbit)	PC175	IB, IC, IFA	100 µl
Anti-Cysteine String Protein (182-198), Rat (Rabbit)	243015	ELISA, EIA, IB, IC, IP	50 µg
Anti-Dynamin 1 (Ab-1) (Rabbit)	PC406	IB	100 µl
Anti-Dynamin2 (Ab-1) (Rabbit)	PC407	IB	100 µl
Anti-Dynamin2 (Ab-2) (Monoclonal)	NB28	FS, IB, IFA, IP	100 µg
Anti-NSF (Ab-1) (Monoclonal)	NB21	IB, IP	100 µg
Anti-NSF, Bovine (Monoclonal)	341152	IB, IH, IP	100 µg
Anti-NSF, Human (Rabbit)	341154	ELISA, EIA, IB, IP	100 µg
Anti-PSD95 (Ab-2) (Monoclonal)	CP35	IB, IFA, IP	100 µg
Anti-PSD95, Rat (Ab-1) (Monoclonal)	529540	IB	100 µg
Anti-PSD95, Rat (Ab-2) (Monoclonal)	529541	IB	100 µg
Anti-nSec1 (575-594), Rat (Rabbit)	480735	IB, IP	50 µg
Anti-rSec6, Rat (Monoclonal)	559240	IB, IC	100 µg
Anti-rSec8, Rat (Ab-1) (Monoclonal)	557387	IB	100 µg
Anti-rSec8, Rat (Ab-2) (Monoclonal)	557388	IB	100 µg
Anti- α / β -SNAP, Bovine (Monoclonal)	487911	IB, IP	100 µg
Anti-SNAP-23A, Human (Rabbit)	487913	IB	100 µg
Anti-SNAP-25 (Ab-1) (Monoclonal)	NB09	ELISA, IB, PS	200 µg
Anti-SNAP-25, Mouse (Rabbit)	567343	IB, IP	50 µg
Anti-SNAP-25, Rat (Rabbit)	487912	IB, IH, IP	100 µl
Anti-SV2A (1-19), Rat (Rabbit)	573801	IB	100 µg
Anti-SV2B (56-74), Rat (Rabbit)	573805	EIA, ELISA, IB	100 µg
Anti-SAP-97, Rat (Monoclonal)	573900	IB, IH	100 µg
Anti-SAP-97(Ab-1) (Rabbit)	PC356	IB	100 µl
Anti-SAP-102, Rat (Monoclonal)	573902	IB, IFA, IH	100 µg
Anti-SAP-102 (Ab-1) (Rabbit)	PC357	FS, IB	100 µl
Anti-Synapsin 1, Bovine (Rabbit)	574778	ELISA, IB, IH, IP	50 µl
Anti-Synapsin 1, Bovine (Rabbit)	574777	ELISA, IB, IC, IH, IP	10 µg
Anti-Synapsin 1, Mouse (Monoclonal)	573810	IB	100 µl
Anti-Synapsin II (52-65), Rat (Rabbit)	574779	IB, IP	100 µg
Anti-Synaptobrevin (Ab-2) (Monoclonal)	NB07	ELISA, IB, PS	200 µg
Anti-Synaptogyrin (183-196), Rat (Rabbit)	573814	IB	100 µg

Product	Cat. No.	Applications	Size
Anti-Synaptophysin (301-313), Human (Rabbit)	574782	ELISA, IB	100 µg
Anti-Synaptophysin (Ab-1) (Monoclonal)	NB06	ELISA, IB, PS	200 µg
Anti-Synaptophysin, Human (Monoclonal)	573820	IB, IC	100 µg
Anti-Synaptophysin, Human (Monoclonal)	573822	IB, IC	100 µg
Anti-Synaptotagmin, Rat (Ab-1) (Monoclonal)	573824	IB, IH, IP	200 µg
Anti-Synaptotagmin, Rat (Ab-2) (Monoclonal)	573826	IB, IH, IP	200 µg
Anti-Synaptotagmin I (1-23), Rat (Rabbit)	573828	IB, IP	100 µl
Anti-SynGap (Ab-1) (Rabbit)	PC405	IB	100 µg
Anti-Syntaxin (Ab-1) (Monoclonal)	NB35	ELISA, IB, FS	200 µg
Anti-Syntaxin, Human (Monoclonal)	573831	IB, IP	100 µg
Anti-Syntaxin 1, Rat (Rabbit)	574784	IB, IH	200 µl
Anti-Syntaxin 1A, Rat (Rabbit)	574783	IB	100 µg
Anti-Syntaxin 2 (1-19), Rat (Rabbit)	574786	ELISA, IB, IP	100 µg
Anti-Syntaxin 3, Rat (Rabbit)	574787	IB	1 Set
Anti-Syntaxin 4, Rat (Rabbit)	574788	IB, IH	1 Set
Anti-Syntaxin 6, Rat (Monoclonal)	574790	IB, IC, IP	100 µg
Anti-Syntaxin 13, Rat (Monoclonal)	574794	ELISA, IB	100 µg
Anti-VAMP, Human (Monoclonal)	627720	IB, IC	100 µl
Anti-VAMP2 (36-56), Rat (Rabbit)	627724	ELISA, IB, IC, IP	100 µl
Neural Cell Typing			
Anti-APC (Ab-1) (Monoclonal)	OP44	IB	100 µg
Anti-APC (Ab-2) (Monoclonal)	OP47L	IB	100 µg
Anti-APC (Ab-3) (Monoclonal)	OP51L	FS	100 µg
Anti-APC (Ab-4) (Monoclonal)	OP52L	FS	100 µg
Anti-APC (Ab-5) (Monoclonal)	OP62	IP	100 µg
Anti-APC (Ab-6) (Monoclonal)	OP63L	IP	100 µg
Anti-APC (Ab-7) (Monoclonal)	OP80	FS, PS, IFA	100 µg
Anti-Calretinin (Ab-1) (Rabbit)	PC254L	FS, VS	100 µl
Anti-trans-Golgi Network 38 (Ab-1) (Monoclonal)	NB10	FC, IB, IFA	100 µl
Anti-NOS, C-Terminal, Human Neurons (Rabbit)	482750	ELISA, IB, IC	100 µl
Anti-NOS, Rat Brain (Rabbit)	482724	FS, IB	100 µl
Anti-Parvalbumin (Ab-1) (Rabbit)	PC255L	FS, VS	100 µl
Neural Architecture-Structural Proteins & Axon Guidance			
Anti-Agrin-33, Rat Recombinant (Monoclonal)	122150	IB, IC	200 µg
Anti-Agrin-86, Rat Recombinant (Monoclonal)	122152	FC, IB, IC	200 µg
Anti-Agrin-131, Rat Recombinant (Monoclonal)	122154	FC, IB, IC	200 µg
Anti-Agrin-247, Rat Recombinant (Monoclonal)	122156	IB, IC	200 µg
Anti-Agrin-435, Rat Recombinant (Monoclonal)	122158	IC	200 µg
Anti-Ankyrin, Human Erythrocyte (Monoclonal)	176892	ELISA, FC, IB, IFA, IH, IP	50 µg
Anti-Ankyrin B (Ab-1) (Monoclonal)	NB19	IB, FS, IFA	100 µg
Anti-Fodrin, Bovine Brain (Monoclonal)	344050	ELISA, FC, IB, IFA, IH, IP, RIA	50 µg

EIA: Enzyme Immunoassay; ELISA: Enzyme-linked Immunosorbent Assay; FC: Flow Cytometry; FS: Frozen Sections; GS: Gel Shift Assay; IB: Immunoblotting; IC: Immunocytochemistry; IEP: Immunoelectrophoresis; IFA: Immunofluorescent Assay; IH: Immunohistochemistry; IP: Immunoprecipitation; NT: Neutralization; OT: Ouchterlony; RIA: Radioimmunoassay; RID: Radial Immunodiffusion; PS: Paraffin Sections; VS: Vibratome Sections

Neural Architecture-Structural Proteins (cont.)			
Product	Cat. No.	Applications	Size
Anti-GAP-43 (Ab-1) (Monoclonal)	CP09	FS, IB, IFA, PS	100 µg
Anti-Glial Fibrillary Acidic Protein (GFAP), Bovine Brain (Monoclonal)	345860	ELISA, IB, IH, IP	100 µg
Anti-Glial Fibrillary Acidic Protein (GFAP) (Ab-1) (Monoclonal)	IF03L	IFA	100 µg
Anti-Guanylate Kinase-Associated Protein, Rat (Monoclonal)	371714	IB	100 µg
Anti-MAP2 (Monoclonal)	442695	ELISA, IB, IH, IP	100 µg
Anti-Myelin Basic Protein (MBP) [36-50] (Ab-1) (Monoclonal)	CP31	FS, ELISA, IB	250 µl
Anti-Myelin Basic Protein (MBP) [129-138] (Ab-2) (Monoclonal)	CP32	IB, IC, RIA	2 µl
Anti-Myelin Basic Protein (MBP) [67-74] (Ab-3) (Monoclonal)	NB24	IB, FS	250 µl
Anti-Myelin Basic Protein (MBP) [82-91] (Ab-4) (Monoclonal)	NB25	FS, ELISA, IB	250 µl
Anti-Myelin Basic Protein (MBP) [119-131] (Ab-6) (Monoclonal)	NB27	ELISA, FS, IB	2 ml
Anti-Myelin Proteolipid Protein (Ab-2) (Monoclonal)	NB15	FS, IB	250 µl
Anti-Myelin/Oligodendrocyte (Ab-1) (Monoclonal)	CP61	IP, PS	100 µg
Anti-NCAM (Ab-1) (Mouse)	CP27L	IB, IFA, IP	100 µg
Anti-Neurabin-I, Rat (Rabbit)	480702	IB, FA	100 µl
Anti-Neurexin (1109-1123), Rat (Rabbit)	490750	IB	100 µg
Anti-Neurofilament 68 kDa (Ab-1) (Monoclonal)	IF07L	IB, IC, IFA, IH	100 µg
Anti-Neurofilament 145 kDa (Ab-1) (Monoclonal)	IF05L	IB, IFA, FS	100 µg
Anti-Neuropilin-1 (Ab-1) (Rabbit)	PC343	FS, IB	100 µg
Anti-Netrin-1 (Ab-1) (Rabbit)	PC344	IB	100 µg
Anti-Netrin-1 (Ab-2) (Rabbit)	PC364	FS	100 µg
Anti-NuMA (Ab-1) (Monoclonal)	NA08	IB, IFA	100 µg
Anti-NuMA (Ab-2) (Monoclonal)	NA09L	FS, IB, IFA	100 µg
Anti-Phospho-Myelin Basic Protein (Ab-1) (Rabbit)	PC453	ELISA, IB, IP, PS	25 µl
Anti-S100 Protein (Ab-1) (Monoclonal)	OP159	FS, PS	100 µl
Anti-S100 (Ab-2) (Rabbit)	PC157	IH	6 ml
Anti-β1-Spectrin (Ab-1) (Monoclonal)	CP33	IB, IFA	100 µl
Anti-Stathmin (Rabbit)	569391	ELISA, IB, IH, IP	100 µl
Anti-α-Tubulin (Ab-1) (Monoclonal)	CP06	IB, IFA	100 µg
Anti-β-Tubulin, Sea Urchin Eggs (Monoclonal)	654162	IB, IFA, OT	1 ml
Anti-Vimentin (Ab-1) (Monoclonal)	IF01	FS, IB, IFA, PS	100 µl
Neuropeptides, Hormones and Growth Factors			
Anti-Calcitonin Gene-Related Peptide (CGRP) (Ab-1) (Rabbit)	PC205L	FS, IFA	100 µl

Product	Cat. No.	Applications	Size
Anti-Calretinin (Ab-1) (Rabbit)	PC254L	FS, VS	100 µl
Anti-CART, Mouse (Rabbit)	218300	ELISA, IB	50 µl
Anti-Dynorphin A (1-17) (Ab-1) (Rabbit)	PC210	FS, RIA	100 µl
Anti-Dynorphin B (1-13) (Ab-1) (Rabbit)	PC211	FS, RIA	100 µl
Anti-Endothelin (Ab-1) (Monoclonal)	CP43	ELISA	100 µl
Anti-Endothelin (Ab-2) (Rabbit)	PC266	ELISA, PS, RIA	50 µl
Anti-Endothelin-1 (Ab-1) (Monoclonal)	CP44	IC, PS, RIA	100 µl
Anti-GDNF (Ab-2) (Monoclonal)	GF38L	ELISA, IB, NT	100 µg
Anti-Heregulin (Ab-1) (Rabbit)	PC185L	ELISA, IB, NT	100 µg
Anti-Heregulin (Ab-2) (Monoclonal)	OP123	FS, IB, IP, PS	100 µg
Anti-Neuropeptide Y (Ab-1) (Rabbit)	PC223L	FS	100 µl
Anti-Neurotensin (Ab-1) (Rabbit)	PC225L	IFA, FS	100 µl
Anti-Neurotrophin 3, Human (Rabbit)	480876	IB	1 Set
Anti-Neurotrophin 3 (Ab-1) (Rabbit)	PC126L	ELISA, NT, IB	100 µg
Anti-Neurotrophin 4/5, Human (Rabbit)	480878	IB	1 Set
Anti-Neurotrophin 4/5 (Ab-1) (Rabbit)	PC123L	ELISA, NT, IB	100 µg
Anti-b-NGF (Ab-2) (Monoclonal)	GF34L	ELISA, IB, NT	100 µg
Anti-Orexin A (Ab-1) (Rabbit)	PC345	ELISA, IFA, FS	100 µg
Anti-Orexin A (Ab-2) (Rabbit)	PC362	ELISA, IFA, FS	100 µl
Anti-Orexin B (Ab-1) (Rabbit)	PC346	FS, IFA	25 µg
Anti-Oxytocin (Ab-1) (Rabbit)	PC226L	IFA, FS	100 µl
Anti-Pleiotropin (Ab-1) (Rabbit)	PC187L	ELISA, IB	100 µg
Anti-Serotonin (5-HT) (Ab-1) (Rabbit)	PC228L	IFA, IH	100 µl
Anti-Substance P (Ab-1) (Rabbit)	PC232L	IFA, FS	100 µl
Anti-TNF α , Human (Rabbit)	654250	ELISA, IB, NT, RIA	1 mg
Anti-TNF α , Mouse (Rabbit)	654300	ELISA, IB	1 ml
Anti-TNFR-1, Human (Rabbit)	654216	IB	100 µg
Anti-Urocortin (Ab-1) (Rabbit)	PC419	FS	25 µg
Anti-Vasoactive Intestinal Peptide (VIP) (Rabbit)	PC233L	FS, IFA, IP, PS	100 µl
Anti-Vasopressin (Ab-1) (Rabbit)	PC234L	FS, IFA	100 µl
Neuronal Receptor Antibodies			
Anti-Acetylcholine Receptor α (Ab-1) (Monoclonal)	NR02	FC, FS, IB, IP	500 µl
Anti-Acetylcholine Receptor β (Ab-1) (Monoclonal)	NR03	FC, FS, IB, IP	500 µl
Anti-Acetylcholine Receptor (Ab-1) (Monoclonal)	NR04	FC, FS, IB, IP	500 µl
Anti-Acetylcholine Receptor Pantropic (Ab-1)	NR01	FC, FS, IB, IP	500 µl
Anti-Adenosine A1 Receptor (Ab-1) (Rabbit)	PC158	FS, IB, IP, PS	100 µl
Anti-Adenosine A1 Receptor (309-326), Rat (Rabbit)	119117	IB, IH, IP	100 µl
Anti-Adenosine A2a Receptor (Ab-1) (Rabbit)	PC159	FS, IB, IP	100 µl
Anti-Adenosine A2a Receptor (373-391), Canine (Rabbit)	119118	IB, IH, IP	100 µl
Anti-Adrenergic α_1 Receptor (Ab-1) (Rabbit)	PC160	IB, IFA	100 µl

EIA: Enzyme Immunoassay; ELISA: Enzyme-linked Immunosorbent Assay; FC: Flow Cytometry; FS: Frozen Sections; GS: Gel Shift Assay; IB: Immunoblotting; IC: Immunocytochemistry; IEP: Immunoelectrophoresis; IFA: Immunofluorescent Assay; IH: Immunohistochemistry; IP: Immunoprecipitation; NT: Neutralization; OT: Ouchterlony; RIA: Radioimmunoassay; RID: Radial Immunodiffusion; PS: Paraffin Sections; VS: Vibratome Sections

Neuronal Receptor Antibodies (cont.)			
Product	Cat. No.	Applications	Size
Anti-Adrenergic α_{2a} Receptor (Ab-1) (Rabbit)	PC161	IB, IFA	100 μ l
Anti-Adrenergic β_1 Receptor (Ab-1) (Rabbit)	PC162	IB, IFA	100 μ l
Anti-Cannabinoid CB ₁ Receptor (Ab-1) (Rabbit)	PC241	IB	50 mg
Anti-Cannabinoid CB ₁ Receptor, Human, Mouse, and Rat (Rabbit)	216401	IB, IH	100 μ g
Anti-Cannabinoid CB ₁ Receptor, Rat (Rabbit)	209550	IB, IC	100 μ l
Anti-Cannabinoid CB ₂ Receptor, Human (Rabbit)	209552	IB, IC	100 μ l
Anti-Cannabinoid CB ₂ Receptor, Human (Rabbit)	216407	IB, IH	200 μ g
Anti-Cannabinoid CB ₂ Receptor, Rat (Rabbit)	209554	IC	100 μ l
Anti-Capsaicin Receptor (Ab-1) (Rabbit)	PC420	IB, IP	25 μ g
Anti-Capsaicin Receptor (Ab-2) (Rabbit)	PC547	IH	50 μ g
Anti-Dopamine D ₁ Receptor, Human (Rabbit)	324390	ELISA, IB, IH	100 μ l
Anti-Dopamine D ₂ Receptor, Human (Rabbit)	324393	ELISA, IB, IH	100 μ l
Anti-Dopamine D _{2S} Receptor, Human (Rabbit)	324396	ELISA, IB, IH	100 μ l
Anti-Dopamine D ₃ Receptor, Human (Rabbit)	324402	ELISA, IB, IH	100 μ l
Anti-Dopamine D ₄ Receptor, Human (Rabbit)	324405	ELISA, IB, IH	100 μ l
Anti-Dopamine D ₅ Receptor, Human (Rabbit)	324408	ELISA, IB, IH	100 μ l
Anti-Endothelin A Receptor, Rat (Rabbit)	324758	IB	1 Set
Anti-Endothelin B Receptor, C-Terminal, Rat (Sheep)	324755	IB, IFA, IH, IP	250 μ g
Anti-Estrogen Receptor β (Ab-1) (Monoclonal)	GR17	IB, PS	100 μ g
Anti-Estrogen Receptor β (Ab-2) (Monoclonal)	GR39	IB, IP	100 μ l
Anti-Estrogen Receptor β (Ab-3) (Monoclonal)	GR40	IP	100 μ g
Anti-Estrogen Receptor β (Ab-1) (Rabbit)	PC168	GS, FS, IB	50 μ g
Anti-Estrogen Receptor (287-300), Human (Monoclonal)	330659	GS, IB, IP	200 μ l
Anti-Estrogen Receptor, C-Terminal (582-595), Human (Monoclonal)	330658	GS, IB, IP	200 μ l
Anti-GABA _A Receptor Associated Protein (15-27) Human (Rabbit)	345230	IB	100 μ g
Anti-GABA _B Receptor (Ab-1) (Rabbit)	PC300	IFA, FS, IB	50 μ l
Anti-GABA _B Receptor Associated Protein (33-44), Human (Rabbit)	345232	IB	100 μ g
Anti-GFR α -1, C-Terminal (369-382), Human (Rabbit)	345874	IB	100 μ g
Anti-GFR α -2, C-Terminal (377-391), Human (Rabbit)	345875	IB	100 μ g
Anti-GFR α -3, C-Terminal (347-360), Mouse (Rabbit)	345900	IB	100 μ g
Anti-Glycine Receptor, Human (Rabbit)	357001	IB, IP	200 μ g
Anti-IP ₃ Receptor (Ab-1) (Rabbit)	NR09	IB, IH, IP	100 μ l
Anti-IP ₃ Receptor (Monoclonal)	407140	ELISA, FC, IFA, IH, IP, RIA	50 μ g
Anti-IP ₃ Receptor (Rabbit)	407143	ELISA, FC, IB, IFA, IH, IP, RIA	100 μ g

Product	Cat. No.	Applications	Size
Anti-IP ₃ Receptor, Type 1 (Rabbit)	407144	IB, IH, IP	100 μ l
Anti-Metabotropic Glutamate Receptor 1 α , Rat (Rabbit)	445870	IB, IFA, IH, IP	100 μ l
Anti-Metabotropic Glutamate Receptor 2/3, Rat (Rabbit)	445871	IB, IFA, IH, IP	100 μ l
Anti-Metabotropic Glutamate Receptor 5, Rat (Rabbit)	445872	IB, IFA, IH, IP	100 μ l
Anti-Metabotropic Glutamate Receptor 5/1, Rat (Rabbit)	445873	IB, IFA, IH, IP	100 μ l
Anti-Muscarinic M1 Acetylcholine Receptor, Human (Rabbit)	475923	IB, IH, IP	1 Set
Anti-Muscarinic M2 Acetylcholine Receptor (Ab-1) (Monoclonal)	NR06	IB, IP	100 μ l
Anti-Muscarinic M2 Acetylcholine Receptor, Human (Rabbit)	475924	IB, IH, IP	1 Set
Anti-NGF Receptor (Ab-1) (Monoclonal)	GR10	IFA, IP	100 μ g
Anti-NK-1 Receptor, Rat (Rabbit)	480738	IH	100 μ l
Anti-NK-3 Receptor, Rat (Rabbit)	480739	IH	100 μ l
Anti-NMDA NR1, Splice Variant C1, Rat (Rabbit)	454570	IB	25 μ g
Anti-NMDA NR1, Splice Variant C2, Rat (Rabbit)	454572	IB	25 μ g
Anti-NMDA NR1, Splice Variant C2', Rat (Rabbit)	454574	IB	25 μ g
Anti-NMDA NR1, Splice Variant N1, Rat (Rabbit)	454576	IB	25 μ g
Anti-Pan-NMDA NR1, Rat (Monoclonal)	454578	IB	15 μ g
Anti-NMDAR 2A, Rat Brain (Rabbit)	454580	IB, IH, IP	10 μ g
Anti-NMDAR 2B, Rat Brain (Rabbit)	454582	IB, IH, IP	10 μ g
Anti-Pan NMDAR 2C, Rat Brain (Rabbit)	454584	IB, IP	10 μ g
Anti-Opioid δ Receptor (Ab-1) (Rabbit)	PC163L	FS, IB, IFA, IP	100 μ l
Anti-Opioid κ Receptor (Ab-2) (Rabbit)	PC164L	IP	50 μ g
Anti-Opioid μ Receptor (Ab-1) (Rabbit)	PC165L	IB, IFA, FS, IP	100 μ l
Anti-P2X1 Receptor (Ab-1) (Rabbit)	PC378	FS, IB	100 μ g
Anti-P2X2 Receptor (Ab-1) (Rabbit)	PC384	FS, IB, PS	100 μ g
Anti-P2X3 Receptor (Ab-1) (Rabbit)	PC411	FS, IB, IFA	25 μ g
Anti-P2X4 Receptor (Ab-1) (Rabbit)	PC376	FS, IB	100 μ g
Anti-P2X7 Receptor, Rat (Rabbit)	506107	IB	1 Set
Anti-Progesterone Receptor, Internal (523-536), Chicken (Monoclonal)	534110	GS, IB, IC, IP	200 μ l
Anti-Progesterone Receptor, C-Terminal (920-933), Human (Monoclonal)	534112	IB, IC, IP	200 μ l
Anti-Progesterone Receptor (551-564), Human (Monoclonal)	534114	IB, IC, IP	200 μ l
Anti-Ryanodine Receptor (Monoclonal)	559279	ELISA, FC, IB, IFA, IH, IP	50 μ g
Anti-Serotonin 2A (5-HT _{2A}) Receptor (Ab-1) (Rabbit)	PC176L	FS, IB	100 μ l
Anti-Serotonin 5A (5-HT _{5A}) Receptor (Ab-1) (Rabbit)	PC248L	IB, FS	100 μ l
Anti-Serotonin 5-HT ₃ Receptor (Ab-1) (Rabbit)	PC347	FS	25 μ g

EIA: Enzyme Immunoassay; ELISA: Enzyme-linked Immunosorbent Assay; FC: Flow Cytometry; FS: Frozen Sections; GS: Gel Shift Assay; IB: Immunoblotting; IC: Immunocytochemistry; IEP: Immunoelectrophoresis; IFA: Immunofluorescent Assay; IH: Immunohistochemistry; IP: Immunoprecipitation; NT: Neutralization; OT: Ouchterlony; RIA: Radioimmunoassay; RID: Radial Immunodiffusion; PS: Paraffin Sections; VS: Vibratome Sections

Neuronal Receptor Antibodies (cont.)

Product	Cat. No.	Applications	Size
Anti-Serotonin 7 (5-HT7) Receptor (Ab-1) (Rabbit)	PC249L	FS	100 µl
Anti-Trk (Ab-1) (Rabbit)	PC31	IB, IFA, IP, PS	100 µg
Anti-Trk A (Ab-1) (Monoclonal)	GR24	FS, IB, IFA	100 µg
Anti-Trk A (Tyr ⁴⁹⁰), Phospho-Specific, Human (Rabbit)	625725	IB, IP	100 µl
Anti-Trk A (Tyr ⁶⁷⁴ , Tyr ⁶⁷⁵), Phospho-Specific, Human (Rabbit)	625730	IB, IP	150 µl
Anti-Trk B (Ab-1) (Rabbit)	PC86	IB, IFA	100 µg
Anti-Trk C (Ab-1) (Rabbit)	PC87L	IB, IFA	100 µg
Anti-Trk E (Ab-1) (Rabbit)	PC88L	IB, IFA	100 µg
Trk Antibody Sampler Kit	ASK14	IB	1 Each
Anti-Transient Receptor Potential-Like Channel 1, Rat (Rabbit)	616470	IB, IH	1 Set
Anti-Vanilloid Receptor Like Protein-1 (Ab-1) (Rabbit)	PC421	IB, FS, IFA	100 µg

Antibodies to Neuronal Enzymes

Anti-Acetylcholinesterase (Ab-2) (Monoclonal)	NB04	FS, IP	100 µl
Anti-Choline Acetyl Transferase (ChAT) (Ab-1) (Monoclonal)	NB05L	FS	100 µl
Anti-DOPA Decarboxylase, Bovine (Rabbit)	324382	IB, IH	30 µg
Anti-DOPA Decarboxylase, Human (Rabbit)	324381	IB, IH	30 µg
Anti-Dopamine β-Hydroxylase, C-Terminal, Human (Sheep)	324383	IB, IH	30 µg
Anti-Dopamine β-Hydroxylase, N-Terminal, (Sheep)	324384	IB	40 µg
Anti-Dopamine β-Hydroxylase (Ab-1) (Rabbit)	PC236L	FS, IB	100 µl
Anti-Neuronal Specific Enolase (Ab-1) (Rabbit)	PC237	IB	6 ml
Anti-Neuronal Specific Enolase, Human (Monoclonal)	480733	IH	1 ml
Anti-Neuronal Specific Enolase, Human (Rabbit)	480734	IH	1 ml
Anti-Serotonin N-Acetyltransferase (198-208), Rat (Rabbit)	566714	IB	50 µg
Anti-Serotonin N-Acetyltransferase (198-208), Phospho-Specific (Ser ²⁰⁶), Rat (Rabbit)	566715	IB	50 µg
Anti-Serotonin N-Acetyltransferase (24-33), Mouse (Rabbit)	566712	IB	50 µg
Anti-Serotonin N-Acetyltransferase (24-33), Phospho-Specific (Thr ²⁹), Mouse (Rabbit)	566713	IB	50 µg
Anti-Tryptophan Hydroxylase, Rabbit (Sheep)	654000	IB, IH	30 µg
Anti-Tyrosine Hydroxylase, Bovine and Rat (Rabbit)	657012	IB, IH	15 µg
Anti-Tyrosine Hydroxylase, Rat (Monoclonal)	657010	IB, IH	100 µg
Anti-Tyrosine Hydroxylase, Rat (Sheep)	657014	IB, IH	15 µg

Antibodies to Toxins

Product	Cat. No.	Applications	Size
Anti-α-Latrotoxin (Rabbit)	428007	ELISA, IB, IFA, IP	100 µg
Anti-ω-Agatoxin (Rabbit)	121976	ELISA, IFA, IH	1 mg
Anti-Cholera Toxin, β-Subunit, <i>Vibrio cholerae</i> (Goat)	227040	IB, IC, IH, RID	100 µl

Antibodies to Neurotransmitters

Anti-Dopamine (Rabbit)	324379	ELISA, IC, IH	50 µl
Anti-GABA (γ-aminobutyric acid) (Ab-1) (Rabbit)	PC213L	FS	100 µl
Anti-Glutamate (Ab-1) (Monoclonal)	NB03L	ELISA, IH	100 µl
Anti-Nitroserotonin (Rabbit)	487930	ELISA	50 µl
Anti-Serotonin (5-HT) (Ab-1) (Rabbit)	PC228L	IFA, IH	100 µl

Antibodies to Neurotransmitter Transporters

Anti-GABA Transporter GAT-2 (Ab-1) (Rabbit)	PC251L	FS, VS	100 µl
Anti-GABA Transporter GAT-3 (Ab-1) (Rabbit)	PC252L	FS, VS	100 µl
Anti-Glutathione (Monoclonal)	354106	ELISA	50 µl
Anti-Nitrosoglutathione (Monoclonal)	487932	ELISA	50 µl
Anti-Serotonin (5-HT) Transporter (Ab-1) (Rabbit)	PC177L	IB, FS, IFA	100 µl
Anti-Vesicular Acetylcholine Transporter (VAChT) (Ab-2) (Rabbit)	PC299	FS, IFA	50 µl
Anti-Vesicular Monoamine Transporter (511-521), Rat (Rabbit)	681204	IB	100 µg
Anti-Vesicular Monoamine Transporter (VMAT-2) (Ab-1) (Rabbit)	PC301	FS, IFA	50 µl

Antibodies to Channel-Related Proteins

Anti-Cardiac Type α1c, (Rabbit)	217450	IB, IP	1 Set
Anti-CLC-1, Rat (Rabbit)	220561	IB	1 Set
Anti-CLC-2 (888-906), Rat (Rabbit)	220562	IB	1 Set
Anti-CLC-3 (592-661), Rat (Rabbit)	220563	IB	1 Set
Anti-CLC-K, Rat (Rabbit)	220565	IB	1 Set
Anti-α-ENaC, Human (Rabbit)	324870	IB, IP	100 µg
Anti-γ-ENaC, Human (Rabbit)	324872	IP	100 µg
Anti-K ⁺ Channel GIRK1 (Ab-1) (Rabbit)	PC383	FS, IB	25 µg
Anti-K ⁺ Channel GIRK3 (Ab-1) (Rabbit)	PC410	IB	25 µg
Anti-Kv1.1, Mouse (Rabbit)	421500	IB, IH	1 Set
Anti-Kv1.2, Rat (Rabbit)	421501	IB, IH	1 Set
Anti-Kv1.3, Human (Rabbit)	421502	IB, IH	1 Set
Anti-Kv1.4, Rat (Rabbit)	421503	IB, IH	1 Set
Anti-Kv1.5, Mouse (Rabbit)	421504	IB, IC	1 Set
Anti-Porin 31HL, Human (Ab-1) (Monoclonal)	529532	EIA, IB, IC	100 µg
Anti-Porin 31HL, Human (Ab-2) (Monoclonal)	529534	EIA, IB, IC	100 µg
Anti-Porin 31HL, Human (Ab-3) (Monoclonal)	529536	EIA, IB, IC	100 µg
Anti-Porin 31HL, Human (Ab-4) (Monoclonal)	529538	EIA, IB, IC	100 µg
Anti-SERCA1 ATPase (Monoclonal)	564700	IB, IFA	100 µl

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Antibodies to Channel-Related Proteins (cont.)			
Product	Cat. No.	Applications	Size
Anti-SERCA2 ATPase (Monoclonal)	564702	IB, IFA	100 µl
Anti-Voltage-Gated Ca ²⁺ Channel, α _{1A} -Subunit, Rat (Rabbit)	681503	IB, IC, IH, IP	1 Set
Anti-Voltage-Gated Ca ²⁺ Channel, α _{1B} -Subunit, Rat (Rabbit)	681505	IB, IC, IH, IP	1 Set
Anti-Voltage-Gated Ca ²⁺ Channel, α _{1C} -Subunit, Rat (Rabbit)	681507	IB, IP, IC	1 Set
Anti-Voltage-Gated Ca ²⁺ Channel, α _{1D} -Subunit, Rat (Rabbit)	681509	IB, IP, IC	1 Set
Anti-Voltage-Gated Ca ²⁺ Channel, α _{1E} -Subunit, (Rabbit)	681511	IB, IC, IH, IP	1 Set
Anti-Voltage-Gated Ca ²⁺ Channel, Pan α ₁ -Subunit, Human (Rabbit)	681501	IB, IH, IP	1 Set
Anti-Voltage-Gated Ca ²⁺ Channel, β3-Subunit, Rat (Rabbit)	681515	IB	1 Set
Anti-Voltage-Gated Ca ²⁺ Channel, γ2-Subunit (Rabbit)	681517	IB, FS	1 Set
Ganglioside Antibodies			
Anti-Ganglioside GD ₃ , Bovine (Monoclonal)	345756	ELISA, IB	50 µl
Anti-Ganglioside GM ₁ , Bovine (Rabbit)	345757	ELISA, IB	100 µl
Anti-Ganglioside GM ₁ , Asialo (Rabbit)	345758	ELISA, IB	100 µl
Anti-Ganglioside GM ₂ , Human (Rabbit)	345759	ELISA, IB	100 µl
Anti-Ganglioside GM ₂ , Asialo (Rabbit)	345761	ELISA, IB	100 µl
Neuronal Signal Transduction			
Anti-14-3-3 (Ab-1) (Rabbit)	PC70	IB	100 µg
Anti-14-3-3 τ/θ Mouse (Monoclonal)	100060	ELISA, IB	100 µg
Anti-14-3-3σ (Ab-1) (Rabbit)	PC482	PS	100 µl
Anti-αB-Crystallin (163-175), Human (Rabbit)	238702	ELISA, IB, IC	50 µl
Anti-BDNF (Ab-1) (Monoclonal)	GF35L	ELISA, IB, NT	100 µg
Anti-Ca ²⁺ /Calmodulin Kinase II, (Rabbit)	208703	IB	100 µg
Anti-Ca ²⁺ /Calmodulin Kinase 4, (Rabbit)	208709	ELISA, IB, IP	100 µg
Anti-Ca ²⁺ /Calmodulin Kinase Kinase (Rabbit)	208717	ELISA, IB	100 µg
Anti-Calnexin, (575-593), Canine (Rabbit)	208880	IB, IC, IP	50 µl
Anti-CREB, Human (Rabbit)	238461	IB, IC, IP	100 µl

Product	Cat. No.	Applications	Size
Anti-CREB, Phospho-Specific, Human (Rabbit)	238462	IB, IC, IP	100 µl
Anti-Early Endosomal Antigen 1, Human (Rabbit)	324610	IB, IFA	100 µg
Anti-Fra2 (Ab-1) (Rabbit)	PC403L	IB	200 µg
Anti-c-Jun (Ser ⁶³), Phospho-Specific, Human (Rabbit)	420110	IB, IC	100 µl
Anti-c-Jun (Ser ⁷³), Phospho-Specific, Human (Rabbit)	420111	IB	100 µl
Selected Neuropeptides for Alzheimer's Research			
β-Amyloid Ligand	171585	β-Amyloid Peptide	1 mg
β-Amyloid Peptide 1-40, Human	171590	β-Amyloid Peptide	250 µg
β-Amyloid Peptide 1-40, Rat	171593	β-Amyloid Peptide	250 µg
β-Amyloid Peptide 1-42, Rat	171596	β-Amyloid Peptide	250 µg
(Pro ¹⁸ , Asp ²¹)-Amyloid β-Protein (17-21)	171592	β-Amyloid Peptide	5 mg
β-Secretase Inhibitor	171601	Secretase Inhibitor	500 µg
β-Secretase Inhibitor II	565749	Secretase Inhibitor	1 mg 5 mg
β-Secretase Substrate I, Fluorogenic	565753	Secretase Substrate	500 µg
β-Secretase Substrate II	565756	Secretase Substrate	1 mg
β-Secretase Substrate III	565757	Secretase Substrate	1 mg
β-Secretase Substrate IV, Fluorogenic	565758	Secretase Substrate	1 mg
β-Secretase Substrate V, Fluorogenic	565759	Secretase Substrate	1 mg
β-Secretase Substrate, Control	565754	Secretase Substrate	500 µg
γ-Secretase Inhibitor I	565750	Secretase Inhibitor	1 mg
γ-Secretase Inhibitor II	565755	Secretase Inhibitor	1 mg
γ-Secretase Inhibitor III	565760	Secretase Inhibitor	1 mg 5 mg
γ-Secretase Inhibitor IV	565761	Secretase Inhibitor	1 mg
γ-Secretase Inhibitor V	565762	Secretase Inhibitor	1 mg
γ-Secretase Inhibitor VI	565763	Secretase Inhibitor	5 mg
γ-Secretase Inhibitor VII	565768	Secretase Inhibitor	1 mg
γ ₄₀ -Secretase Inhibitor I	565765	Secretase Inhibitor	1 mg
γ ₄₀ -Secretase Inhibitor II	565766	Secretase Inhibitor	1 mg 5 mg

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