

Alzheimer's Disease

Antibodies and Peptides for Your Research

Neurofibrillary Tangles
Amyloid Plaques
Proteases
Phosphorylation
Growth Factors & Receptors

Signaling
Inflammation
Markers
Neuroprotection
Oxidation

Reagents for Untangling AD Mechanism

Alzheimer's disease (AD) is the most common form of dementia for people over 65 years of age. AD is associated with formation of amyloid plaques and neurofibrillary tangles in the brain. Numerous cellular pathways are investigated for early diagnosis, treatment and symptoms management. Abbiotec offers over 200 antibodies and peptides for studying the detection, progression, treatment, and cell signaling events associated with Alzheimer's Disease. Browse our catalog for rabbit, mouse and rat antibodies that are developed for ELISA, western blot, IHC and immunofluorescence applications.

Amyloid Plaques	Alpha-Synuclein, APP, Beta-Amyloid [1-42], [1-40], [1-16], [1-28], ERAB, Fe65
Biomarkers	ApoE, Aromatase, ChAT, CHRM1, GFAP, NMDAR, NTP, PSD-95
Growth Factors & Receptors	NGF, NGFR, TGF-beta (1, 2, 3), TGF-beta Receptors (Type I, II), TrkA, TrkB, TrkC, VEGF, VEGFR1, 2, 3
Inflammation	AGE, CD Markers, G-CSF, Interleukins, M-CSF, TNF-alpha, TNFR, RAGE
Neurofibrillary Tangles	NF (H, L, M), Tau, phospho-Tau, Tubulins (α, β, γ)
Neuroprotection	ADNP, BDNF, Col VI, Galanin, Gelsolin, HSP25, 27, 40, 60, 70, 90, Substance P, Substance P Receptor
Oxidation	HO-1, NOS-1, 2, 3, SOD1, 2
Phosphorylation	Cdk5, GSK3b, PKN2, PP1, PP2A, PP2B, PTEN
Proteases	BACE, Calpains (1, 2, 3, 5, 6, 9, 10), Caspases (1, 3, 6, 8, 9, 10), Notch1, 2, Presenilin-1
Signaling	AKT1, 2, 3, Beta-Catenin, Phospho-AKT1, PI3KCA, PI3KC3, SMAD1, 2, 4, STAT3, TRADD
Peptides	Autocamtide-2, Beta-Amyloid [1-42], [1-40], [25-35], Calcineurin Autoinhibitory, Calcineurin Substrate, Cathepsin L Substrate, CREBtide, Kemptide, NAP Peptide, Protein Kinase C [19-35], Ser25 PKC [19-31], Substance P, Tyrosine Protein Kinase Substrate

Contact our Customer Service Dept for comprehensive listing, availability, and new products to be released.



ABBIOTEC™

From Biology to Discovery™

Abbiotec offers a large library of unique antibodies targeted against high value druggable proteins. Our aim is to eventually build the most comprehensive and valuable library of antibodies and related reagents that target the estimated 4,000 human disease proteins. Abbiotec will also offer various complementary kits and solutions in the areas of genomics, proteomics, cell and tissue culture, and areas important for studies in functional genomics, signaling pathways, immunology, cancer, and brain disorders.

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Amyloid Plaques			UNIT	CAT. No.
Alpha-Synuclein (C-term) Antibody	0.1 mg	250918		
Alpha-Synuclein (N-term) Antibody	0.1 mg	250917		
APP Antibody	0.1 mg	250545		
Beta-Amyloid [1-16] Antibody	0.1 mg	250921		
Beta-Amyloid [1-16] Antibody	0.1 mg	250931		
Beta-Amyloid [1-28] Antibody	0.1 mg	250922		
Beta-Amyloid [1-40] Antibody	0.1 mg	250923		
Beta-Amyloid [1-40] Antibody	0.1 mg	251360		
Beta-Amyloid [1-42] Antibody	0.1 mg	250924		
Beta-Amyloid [1-42] Antibody	0.1 mg	250925		
Beta-Amyloid [31-35] Antibody	0.1 mg	251354		
Beta-Amyloid Peptide (12C3) Antibody	0.2 mg	250436		
Beta-Amyloid Peptide (16E9) Antibody	0.2 mg	250434		
Beta-Amyloid Peptide (19B8) Antibody	0.2 mg	250433		
Beta-Amyloid Peptide (1A3) Antibody	0.2 mg	250435		
ERAB Antibody	0.1 mg	250634		
Fe65 Protein Antibody	0.1 mg	250647		
Biomarkers			UNIT	CAT. No.
Apo-E Antibody	0.1 mg	250544		
Aromatase Antibody	0.1 mg	251655		
Aromatase Antibody	0.1 mg	250549		
ChAT Antibody	0.1 mg	250603		
ChRM1 Antibody	0.1 mg	251519		
ChRM2 Antibody	0.1 mg	250604		
GFAP Antibody	0.1 mg	250661		
NMDAR-2A Antibody	0.1 mg	251879		
NMDAR-2B Antibody	0.1 mg	251880		
NTP Antibody	0.1 mg	250794		
PSD-95 Antibody	0.1 mg	250839		
Growth Factors & Receptors			UNIT	CAT. No.
NGF-beta Antibody	0.1 mg	251877		
NGFR Antibody	0.1 mg	250772		
NGFR P75 Antibody	0.1 mg	252087		
NGFR P75 Antibody	0.1 mg	252088		
NR1 Antibody	0.1 mg	251439		
NR2A Antibody	0.1 mg	250520		
NR2B Antibody	0.1 mg	250787		
NR2C Antibody	0.1 mg	251438		
NR2D Antibody	0.1 mg	251443		
TGF-beta 1 Antibody	0.1 mg	251911		
TGF-beta 1 Antibody	0.1 mg	250876		
TGF-beta 2 Antibody	0.1 mg	250877		
TGF-beta 3 Antibody	0.1 mg	250878		
TGF-beta Receptor Type I Antibody	0.1 mg	250879		
TGF-beta Receptor Type II Antibody	0.1 mg	250880		
Trk A/B/C Antibody	0.1 mg	250894		
TrkA Antibody	0.1 mg	250893		
TrkB Antibody	0.1 mg	250895		
TrkB Antibody	0.1 mg	250896		
TrkC Antibody	0.1 mg	250897		
VEGF Antibody	0.1 mg	250907		
VEGF Antibody	0.1 mg	251675		
VEGFR1 Antibody	0.1 mg	250908		
VEGFR1 Antibody	0.1 mg	251808		
VEGFR2 Antibody	0.1 mg	250909		
VEGFR3 Antibody	0.1 mg	251454		
Inflammation			UNIT	CAT. No.
AGE Antibody	0.1 mg	251527		
CD10 (HI10a) Antibody	0.1 mg	250943		
CD10 (HI10a) Antibody	2 ml	250999		
CD10 (HI10a) Antibody	2 ml	251055		
CD10 Antibody	0.1 mg	251180		
CD10 Antibody	0.1 mg	251687		
CD10 Antibody	0.1 mg	251209		
G-CSF Antibody	0.1 mg	251395		
IL-2 (Rodent) Antibody	0.1 mg	251560		
IL2 Antibody	0.1 mg	250105		
M-CSF Antibody	0.1 mg	251413		
RAGE Antibody	0.1 mg	250462		
RAGE Antibody	0.1 mg	251890		
TNF-alpha (10D9) Antibody	0.2 mg	250362		
TNF-alpha (4F11) Antibody	0.2 mg	250361		
TNF-alpha Antibody	0.1 mg	250108		
TNF-alpha Antibody	0.1 mg	250844		
TNF-R2 Antibody	0.1 mg	250107		
Neurofibrillary Tangles			UNIT	CAT. No.
NF-H Antibody	0.1 mg	250768		
NF-L Antibody	0.1 mg	250770		
NF-M Antibody	0.1 mg	250771		
Phospho-Tau protein (Thr489) Antibody	0.1 mg	251362		
Tau Protein Antibody	0.1 mg	251800		
Tau Protein Antibody	0.1 mg	250873		
Tau Protein Antibody	0.1 mg	250874		
Tubulin-alpha Antibody	0.1 mg	250903		
Tubulin-alpha Antibody	0.1 mg	251814		
Tubulin-beta Antibody	0.1 mg	251819		
Tubulin-beta Antibody	0.1 mg	250904		
Tubulin-beta Antibody	0.1 mg	251250		
Tubulin-gamma Antibody	0.1 mg	251679		
Tubulin-gamma Antibody	0.1 mg	251821		
Neuroprotection			UNIT	CAT. No.
ADNP Antibody	0.1 mg	250460		
BDNF Antibody	0.1 mg	252199		
BDNF Antibody	0.1 mg	250557		
Collagen VI Antibody	0.1 mg	251203		
Galanin Antibody	0.1 mg	250657		
Gelsolin Antibody	0.1 mg	251751		
Gelsolin Antibody	0.2 mg	250229		
GRP94 Antibody	0.1 mg	250677		
HSP-25 Antibody	0.1 mg	251755		
HSP-27 Antibody	0.1 mg	250699		
HSP-40 Antibody	0.1 mg	251864		
HSP-60 Antibody	0.1 mg	251756		
HSP-60 Antibody	0.1 mg	250700		
HSP-70 Antibody	0.1 mg	251757		
HSP-70 Antibody	0.1 mg	250701		
HSP-90 Antibody	0.1 mg	251920		
Neuroprotection (cont.)			UNIT	CAT. No.
HSP-90 alpha Antibody	0.1 mg	250702		
HSP-90 Antibody	0.1 mg	251758		
HSP-90 beta Antibody	0.1 mg	250703		
Substance P Antibody	0.1 mg	250865		
Substance-P Receptor Antibody	0.1 mg	250870		
Oxidation			UNIT	CAT. No.
HO-1 Antibody	0.1 mg	251323		
NOS-1 Antibody	0.1 mg	251779		
NOS-1 Antibody	0.1 mg	250783		
NOS-2 Antibody	0.1 mg	250784		
NOS-3 Antibody	0.1 mg	250785		
SOD1 Antibody	0.1 mg	251450		
SOD2 Antibody	0.1 mg	251451		
Phosphorylation			UNIT	CAT. No.
CDK5 Antibody	0.1 mg	251208		
GSK-3b (C-term) Antibody	0.1 mg	250678		
GSK-3b (N-term) Antibody	0.1 mg	250679		
PKN2 Antibody	0.1 mg	251357		
PP-1 Antibody	0.1 mg	250829		
PP-1 Antibody	0.1 mg	251793		
PP-2A Antibody	0.1 mg	250830		
PP-2A Antibody	0.1 mg	250831		
PP2Ac Antibody	0.1 mg	250526		
PP-2B alpha 1 Antibody	0.1 mg	250832		
PEN Antibody	0.1 mg	200145		
PEN Antibody	0.1 mg	251264		
Proteases			UNIT	CAT. No.
Alpha-1-Antichymotrypsin Antibody	0.1 mg	250449		
BACE Antibody	0.1 mg	250553		
Calpain-1 Antibody	0.1 mg	251470		
Calpain-10 Antibody	0.1 mg	200197		
Calpain-2 Antibody	0.1 mg	200192		
Calpain-3 Antibody	0.1 mg	200193		
Calpain-5 Antibody	0.1 mg	200195		
Calpain-6 Antibody	0.1 mg	200194		
Calpain-9 Antibody	0.1 mg	200196		
Caspase-1 Antibody	0.1 mg	250570		
Caspase-10 Antibody	0.1 mg	250571		
Caspase-3 Antibody	0.1 mg	250573		
Caspase-6 (C-term) Antibody	0.1 mg	250574		
Caspase-6 (N-term) Antibody	0.1 mg	250575		
Caspase-8 Antibody	0.1 mg	250576		
Caspase-9 (C-term) Antibody	0.1 mg	250578		
Caspase-9 (N-term) Antibody	0.1 mg	250577		
Notch1 Antibody	0.1 mg	251991		
Notch2 Antibody	0.1 mg	251992		
Presenilin-1 (C-term) Antibody	0.1 mg	250838		
Presenilin-1 (N-term) Antibody	0.1 mg	250836		
Presenilin-1 (N-term) Antibody	0.1 mg	250837		
Signaling			UNIT	CAT. No.
AKT Antibody	0.1 mg	200172		
AKT1 Antibody	0.1 mg	252022		
AKT2 Antibody	0.1 mg	252020		
AKT2 Antibody	0.1 mg	252021		
AKT3 Antibody	0.1 mg	252023		
Beta-Catenin Antibody	0.1 mg	251817		
Beta-Catenin Antibody	0.1 mg	251534		
Phospho-AKT1/2/3 (Thr473) Antibody	0.1 mg	251358		
PI3KC3 Antibody	0.1 mg	200118		
PI3KCA Antibody	0.1 mg	200119		
PKB-alpha Antibody	0.1 mg	251792		
SMAD2 Antibody	0.1 mg	250860		
SMAD2/3 Antibody	0.1 mg	251894		
SMAD4 Antibody	0.1 mg	251796		
SMAD4 Antibody	0.1 mg	200153		
STAT3 Antibody	0.1 mg	251107		
SUMO1 Antibody	0.1 mg	200129		
SUMO2/3 Antibody	0.1 mg	200130		
TLR2 Antibody	0.1 mg	251110		
TLR4 Antibody	0.1 mg	251111		
TRADD Antibody	0.1 mg	251570		
Peptides			UNIT	CAT. No.
[Nle11] Substance P	2 mg	350442		
[Pro9] Substance P	1 mg	350444		
[Sar9] Substance P	2 mg	350446		
[Tyr8] Substance P	1 mg	350451		
Autocamtide-2 Peptide	1 mg	350003		
Beta Amyloid [1-40] Peptide	1 mg	350016		
Beta Amyloid [1-40] Peptide (Rat)	1 mg	350077		
Beta Amyloid [1-42] Peptide	1 mg	350017		
Beta Amyloid [1-42] Peptide (Rat)	1 mg	350080		
Beta Amyloid [25-35] Peptide	2 mg	350079		
Calcineurin Autoinhibitory Peptide	1 mg	350004		
Calcineurin Substrate Peptide	1 mg	350105		
Cathepsin L Substrate Peptide	1 mg	350014		
CREBtide Peptide	1 mg	350137		
Galanin Peptide	1 mg	350183		
Galanin Peptide (Porcine)	1 mg	350184		
Galanin Peptide (Rat)	1 mg	350185		
Galantide Peptide	1 mg	350186		
Kemptide Peptide	2 mg	350232		
NAP Peptide	1 mg	350279		
Neuropeptide Y	1 mg	350290		
Neuropeptide Y [13-36]	1 mg	350288		
Neuropeptide Y [3-36]	1 mg	350289		
PKA Inhibitor [6-22] Peptide	1 mg	350008		
Protein Kinase C [19-35] Peptide	1 mg	350009		
Ser25 PKC [19-31] Peptide	1 mg	350005		
Substance P	5 mg	350394		
Substance P [1-4] Peptide	2 mg	350395		
Substance P [1-7] Peptide	2 mg	350396		
Substance P [1-9] Peptide	2 mg	350397		
Substance P [7-11] Peptide	2 mg	350398		
Substance P Free Acid	5 mg	350399		
Syntide 2 Peptide	1 mg	350400		
Tyrosine Protein Kinase Substrate Peptide	1 mg	350010		
Tyr-Specific Protein Kinase Inhibitor Peptide	1 mg	350011		