

Mouse anti-Human APP / Beta Amyloid Monoclonal Antibody | anti-APP antibody

Mouse Monoclonal [clone J4H9] (IgG2b,k) to Human APP / Beta Amyloid

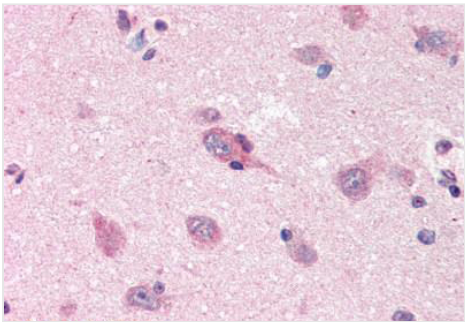
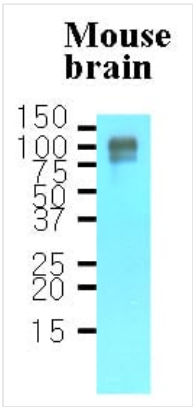
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51813	Mouse	Human	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

APP / Beta Amyloid; Monoclonal Antibody; Mouse Monoclonal [clone J4H9] (IgG2b; k) to Human APP / Beta Amyloid; Anti-APP / Beta Amyloid Antibody (aa18-289; clone J4H9) IHC-plus; APP; ABPP; A4; ABETA; AD1; Alzheimer disease; Amyloid beta; Beta-amyloid peptide; APPI; Beta amyloid; CVAP; AAA; PN2; PreA4; Amyloid beta A4 protein; Peptidase nexin-II; CTFgamma; PN-II; Protease nexin-II; Human APP; Beta Amyloid; anti-APP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	J4H9
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	770
Applicable Applications for anti-APP antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human APP (18-289aa) purified from E Coli.
Immunogen Type	Recombinant protein
Immunogen	APP / Beta Amyloid antibody was raised against recombinant human APP (18-289aa) purified from E Coli.
Antigen Modification	aa18-289
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.



IHC (Immunohistochemistry)
Anti-APP antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)

ADDITIONAL INFORMATION

Product Categories/Family for anti-APP antibody	Family: Amyloid precursor protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502167
NCBI GeneID	351
NCBI Accession #	NP_000475.1
NCBI GenBank Nucleotide #	NM_000484.3
UniProt Accession #	P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3
Molecular Weight	84,521 Da
NCBI Official Full Name	amyloid beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta (A4) precursor protein
NCBI Official Symbol	APP
NCBI Official Synonym Symbols	AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma
NCBI Protein Information	amyloid beta A4 protein; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; beta-amyloid peptide(1-40); beta-amyloid peptide(1-42); alzheimer disease amyloid protein; cerebral vascular amyloid peptide
UniProt Protein Name	Amyloid beta A4 protein
UniProt Gene Name	APP
UniProt Synonym Gene Names	A4; AD1; APP; CVAP; PN-II; S-APP-alpha; S-APP-beta; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50)
UniProt Entry Name	A4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.