

Rabbit APP Polyclonal Antibody | anti-APP antibody

APP Antibody

CATALOG # AAA301319	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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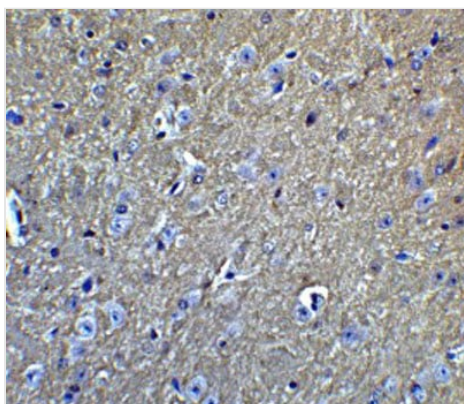
PRODUCT SYNONYMS

APP; Polyclonal Antibody; APP Antibody; anti-APP antibody

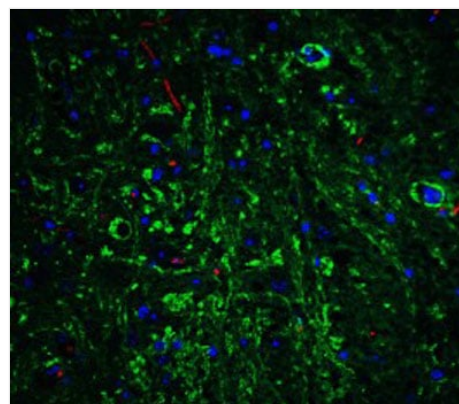
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Sequence Length	751
Applicable Applications for anti-APP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 737 to 751 of human amyloid A4 protein precursor (APP) or 85 to 99 of the C99 fragment generated by b-secretase cleavage. The peptide sequences are identical to those of monkey, mouse, rat, chicken, and a variety of other species.
Target Name	APP
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

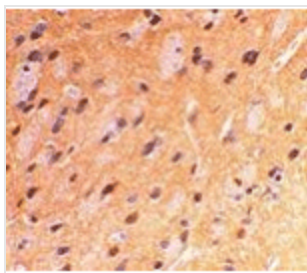
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of APP in mouse brain tissue with APP Antibody at 5 ug/mL.

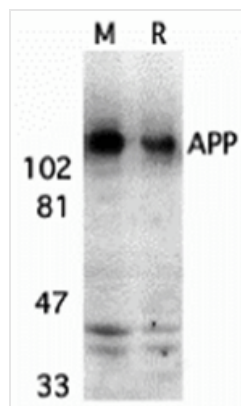

IF (Immunofluorescence)

Immunofluorescence of APP in mouse brain tissue with APP Antibody at 20 ug/mL



IHC (Immunohistochemistry)

Immunohistochemical staining of rat brain using APP antibody at 2 ug/mL.



WB (Western Blot)

Western blot analysis of APP in mouse (M) and rat (R) brain tissue lysates with APP antibody at 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-APP antibody	Accumulation of the amyloid-beta peptide (Abeta) in the cerebral cortex is a critical event in the pathogenesis of Alzheimer's disease. The beta-amyloid protein precursor (APP) is cleaved by beta-secretase, producing a soluble derivative of the protein and a membrane anchored 99-amino acid carboxy-terminal fragment (C99). The C99 fragment serves as substrate for gamma-secretase to generate the 4 kDa amyloid-beta peptide (Abeta), which is deposited in the brains of all suffers of Alzheimer's disease.
Product Categories/Family for anti-APP antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	28721
NCBI GeneID	351
UniProt Accession #	P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3
NCBI Official Full Name	amyloid A4 protein
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/app-antibody-immunohistochemistry-western-blot-elisa/301319>