

Rabbit APP Polyclonal Antibody | anti-APP antibody

APP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39503	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

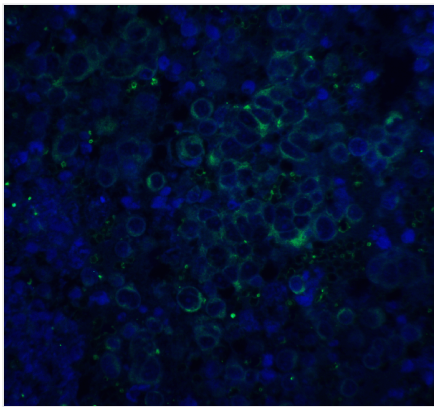
PRODUCT SYNONYMS

APP; Polyclonal Antibody; APP Antibody; AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma; A4; Amyloid beta A4 protein; amyloid beta (A4) precursor protein; anti-APP antibody

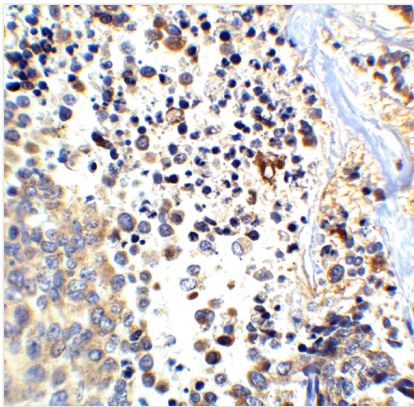
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	APP Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid APP Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	751
Applicable Applications for anti-APP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	APP antibody was raised against a peptide corresponding to 10 amino acids of human amyloid A4 protein precursor (APP) corresponding to the amino terminus of the 4K Ab peptide generated by beta- and gamma-secretases. The immunogen is located within amino acids 650-700 of APP
Homology	Predicted species reactivity based on immunogen sequence: Bovine (100%), Sheep (100%), Rabbit (100%), Guinea Pig (100%), Pig (100%)
Preparation and Storage	APP antibody can be stored at 4°C for three months and -20°C, stable for up to 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.

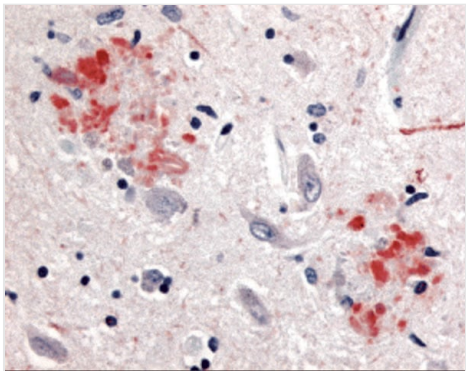
IMAGES



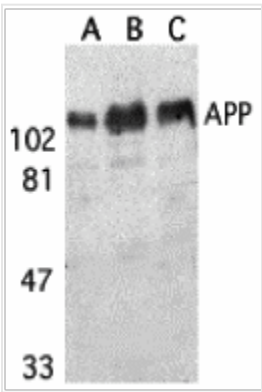
IF (Immunofluorescence)
Immunofluorescence of ASAH1 in rat heart tissue with ASAH1 antibody at 20 μ g/mL. Green: APP Antibody (AAA39503) Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of APP in human brain tissue with APP antibody at 2.5 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of APP in human brain (Alzheimer's disease) tissue with APP antibody at 10 μ g/mL.



WB (Western Blot)
Western blot analysis of APP in (A) human, (B) mouse, and (C) rat brain tissue lysates with APP antibody at 1 μ g/mL.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28721
NCBI GeneID	351
UniProt Accession #	P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3
Molecular Weight	Predicted: 83 kDa Observed: 115 kDa
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; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/app-antibody-immunohistochemistry-western-blot-elisa/39503>