

Amyloid Beta A4 Precursor (APP) Polyclonal Antibody | anti-APP antibody

Amyloid Beta A4 Precursor (APP) Antibody

CATALOG # AAA111142	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Western Blot
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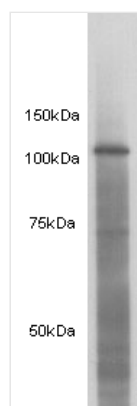
PRODUCT SYNONYMS

Amyloid Beta A4 Precursor (APP); Polyclonal Antibody; Amyloid Beta A4 Precursor (APP) Antibody; anti-APP antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to near C-terminal residues of APP.
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	770
Applicable Applications for anti-APP antibody	ICC (Immunocytochemistry), WB (Western Blot)
Cellular Localization	Cell Membrane
Positive Control	Hela
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

Western blot analysis on Hela using anti-APP polyclonal antibody

ADDITIONAL INFORMATION

Related Product Information for anti-APP antibody	Amyloid beta precursor protein (APP) is a 100-140 kDa transmembrane glycoprotein existing as several isoforms. The amino acid sequence of APP contains the amyloid domain (A-beta), which can be released by a two-step proteolytic cleavage. It is expressed in all fetal tissues examined with highest levels in brain, kidney, heart and spleen. APP acts as a cell surface receptor and performs physiological functions on the surface of neurons relevant to neurite growth, neuronal adhesion and axonogenesis. It is also involved in cell mobility and transcription regulation through protein-protein interactions.
References	1. Glenner, G. G., Wong, C. W. (1984) Biochem. Biophys. Res. Commun. 120, 885-890. 2. Masters, C. L., Simms, G., Weinman, N. A., Multhaup, G., McDonald, B., Beyreuther, K. (1985) Proc. Natl. Acad. Sci. U. S. A. 82, 4245-4249. 3. Dovey, H. F., Suomesaari-Chrysler, S., Lieberburg, I., Sinha, S., and Kiem, P. S. (1993) NeuroReport. 4. Vigo-Pelfrey, C., Lee, D., Keim, P., Lieberburg, I., Schenk, D. B. (1993) J. Neurochem. 61, 1965-1968.

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	~110kDa
NCBI Official Full Name	amyloid-beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta precursor protein
NCBI Official Symbol	APP
NCBI Official Synonym Symbols	AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; preA4; 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; Beta-CTF; Abeta42; Abeta40; Alpha-CTF; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50)

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/amyloid-beta-a4-precursor-app-antibody-immunocytochemistry-western-blot-elisa/111142>