

Rabbit APLP1 Polyclonal Antibody | anti-APLP1 antibody

Anti-APLP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45431	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

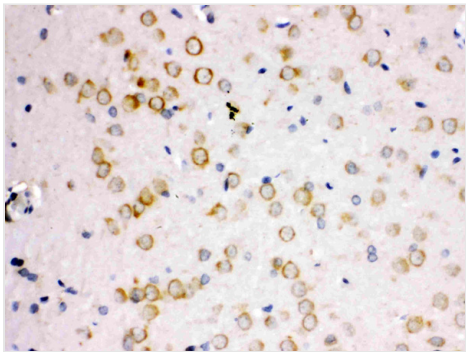
PRODUCT SYNONYMS

APLP1; Polyclonal Antibody; Anti-APLP1 antibody; Amyloid-like protein 1; amyloid beta(A4) precursor-like protein 1; AMYLOID BETA A4 PRECURSOR-LIKE PROTEIN 1 antibody; AMYLOID PRECURSOR-LIKE PROTEIN antibody; Amyloid-like protein 1 precursor antibody; APLP 1 antibody; APLP antibody; APLP-1 antibody; Apla1 antibody; APLP1_HUMAN antibody; C30 antibody; anti-APLP1 antibody

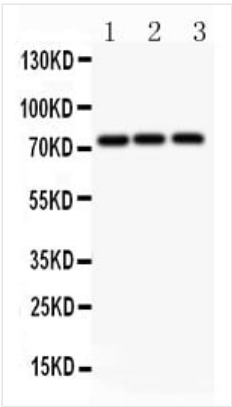
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	650
Applicable Applications for anti-APLP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human APLP1 (101-120aa ELQIARVEQATQAIPMERWC), different from the related mouse and rat sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

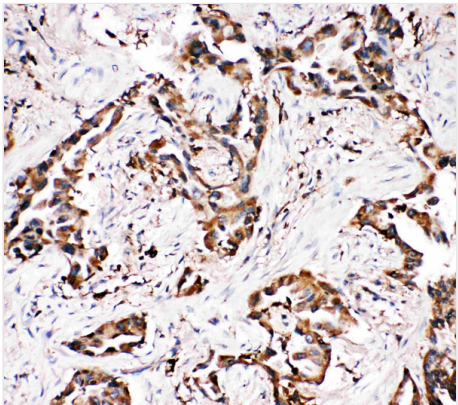
IMAGES



IHC (Immunohistochemisry)
Anti-APLP1 antibody, AAA45431, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
Anti-APLP1 antibody, AAA45431, Western blottingAll lanes: Anti APLP1 (AAA45431) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: PC-12 Whole Cell Lysate at 40ugLane 3: HEPA Whole Cell Lysate at 40ugPredicted bind size: 72KDObserved bind size: 72KD



IHC (Immunohistochemistry)
Anti-APLP1 antibody, AAA45431, IHC(P)IHC(P): Human Lung Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-APLP1 antibody	Description: Rabbit IgG polyclonal antibody for Amyloid-like protein 1(APLP1) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Amyloid-precursor-like protein 1(APLP1) is a membrane-associated glycoprotein, whose gene is homologous to the APP gene, which has been shown to be involved in the pathogenesis of Alzheimer's disease. APLP1 is predominantly expressed in brain, particularly in the cerebral cortex postsynaptic density. The human gene has been mapped to chromosomal region 19q13.1. The gene is 11.8 kb long and contains 17 exons. APLP1 has been considered a candidate gene for CNF. All exon regions of the gene were amplified by the polymerase chain reaction and sequenced from DNA of CNF patients. No differences were observed between CNF patients and controls, suggesting that mutations in APLP1 are not involved in the etiology of CNF.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28558769
NCBI GeneID	333
UniProt Accession #	P51693; O00113; Q96A92
Molecular Weight	72,247 Da
NCBI Official Full Name	Amyloid-like protein 1
NCBI Official Synonym Full Names	amyloid beta (A4) precursor-like protein 1

NCBI Official Symbol	APLP1
NCBI Official Synonym Symbols	APLP
NCBI Protein Information	amyloid-like protein 1; APLP-1; amyloid precursor-like protein 1
UniProt Protein Name	Amyloid-like protein 1
UniProt Gene Name	APLP1
UniProt Synonym Gene Names	APLP; APLP-1
UniProt Entry Name	APLP1_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/aplp1-antibody-immunohistochemistry-western-blot-elisa/45431>