

APLP1 Polyclonal Antibody | anti-APLP1 antibody

Anti-APLP1 Antibody

CATALOG # AAA46377	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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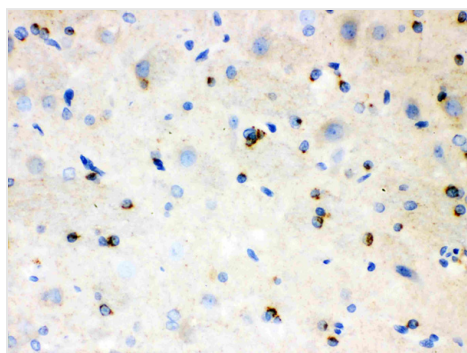
PRODUCT SYNONYMS

APLP1; Polyclonal Antibody; Anti-APLP1 Antibody; Amyloid-like protein 1; AMYLOID BETA A4 PRECURSOR-LIKE PROTEIN 1; AMYLOID PRECURSOR-LIKE PROTEIN; Amyloid-like protein 1 precursor; APLP 1; APLP; APLP-1; Aplp1; APLP1_HUMAN; C30 antibody; amyloid beta (A4) precursor-like protein 1; anti-APLP1 antibody

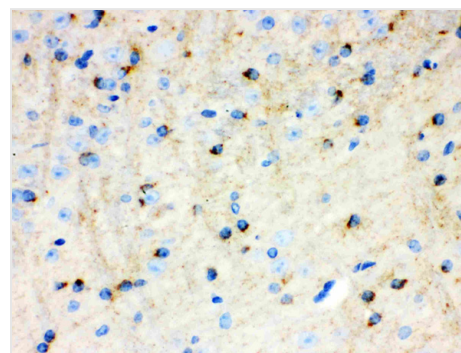
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Sequence Length	651
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 (82-112aa RRCLRDPQVRVLEYCRQMYPELQIARVEQATQ), different from the related mouse sequence by three amino acids.
Ig Type	Rabbit IgG
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 aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

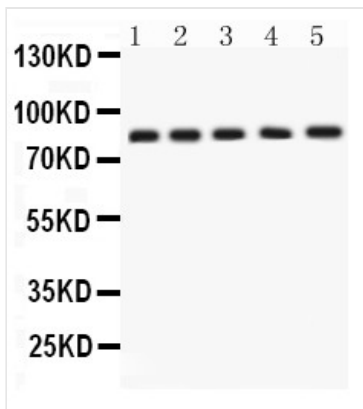
IMAGES



IHC (Immunohistochemistry)
Anti- APLP1 Picoband antibody, AAA46377,IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti- APLP1 Picoband antibody, AAA46377,IHC(P)IHC(P): Mouse Brain Tissue



WB (Western Blot)

Anti- APLP1 Picoband antibody, AAA46377, Western blottingAll lanes: Anti APLP1 (AAA46377) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Testis Tissue Lysate at 50ugLane 3: SGC Whole Cell Lysate at 40ugLane 4: 22RV1 Whole Cell Lysate at 40ugLane 5: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 72KDObserved bind size: 85KD

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.
References	1. Lenkkeri, U., Kestila, M., Lamerdin, J., McCready, P., Adamson, A., Olsen, A., Tryggvason, K. Structure of the human amyloid-precursor-like protein gene APLP1 at 19q13.1. Hum. Genet. 102: 192-196, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782338
NCBI GeneID	333
NCBI Accession #	NP_001019978.1
NCBI GenBank Nucleotide #	NM_001024807.2
UniProt Accession #	P51693; O00113; Q96A92
Molecular Weight	72,247 Da
NCBI Official Full Name	amyloid-like protein 1 isoform 1
NCBI Official Synonym Full Names	amyloid beta precursor like protein 1
NCBI Official Symbol	APLP1
NCBI Official Synonym Symbols	APLP
NCBI Protein Information	amyloid-like protein 1
UniProt Protein Name	Amyloid-like protein 1
UniProt Gene Name	APLP1
UniProt Synonym Gene Names	APLP; APLP-1

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/46377>