

Rabbit anti-Human APLP1 Monoclonal Antibody | anti-APLP1 antibody

APLP1 Rabbit mAb

CATALOG # AAA283013	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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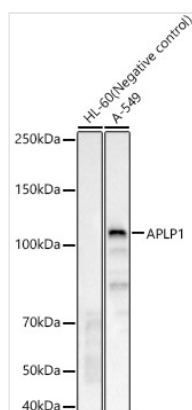
PRODUCT SYNONYMS

APLP1; Monoclonal Antibody; APLP1 Rabbit mAb; APLP; anti-APLP1 antibody

PRODUCT SPECIFICATIONS

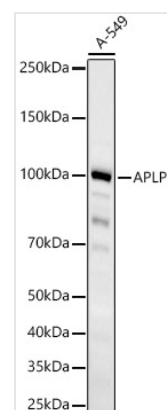
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	NPHLAQELRP QIQELLHSEH LGPSELEAPA PGGSSSEDKGG LQPPDSKDDT PMTLPKGSTE QDAASPEKEK MNPLEQYERK VNASVPRGFP FHSSEIQRDE LAPAGTGVS R E
Applicable Applications for anti-APLP1 antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 470-580 of human APLP1. (NP_005157.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using APLP1 Rabbit mAb (AAA283013) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of lysates from A-549 cells, using APLP1 Rabbit mAb (AAA283013) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-APLP1 antibody	This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein is a membrane-associated glycoprotein that is cleaved by secretases in a manner similar to amyloid beta A4 precursor protein cleavage. This cleavage liberates an intracellular cytoplasmic fragment that may act as a transcriptional activator. The encoded protein may also play a role in synaptic maturation during cortical development. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-APLP1 antibody	Cell Biology Developmental Biology; Apoptosis; Neuroscience; Neurodegenerative Diseases; Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease; Neuroscience; Neurology process; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558769
NCBI GeneID	333
UniProt Accession #	P51693; O00113; Q96A92
Molecular Weight	Calculated MW: 72kDa Observed MW: 100kDa
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/monoclonal/aplp1-antibody-western-blot-elisa/283013>