

Rabbit APLP2 Polyclonal Antibody | anti-APLP2 antibody

APLP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308075	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

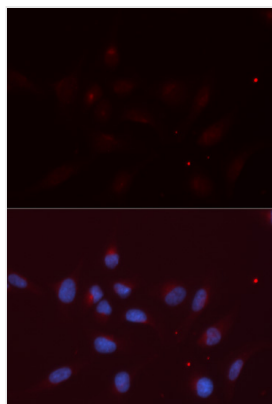
PRODUCT SYNONYMS

APLP2; Polyclonal Antibody; APLP2 Antibody; APPH; APPL2; CDEBP; APLP-2; anti-APLP2 antibody

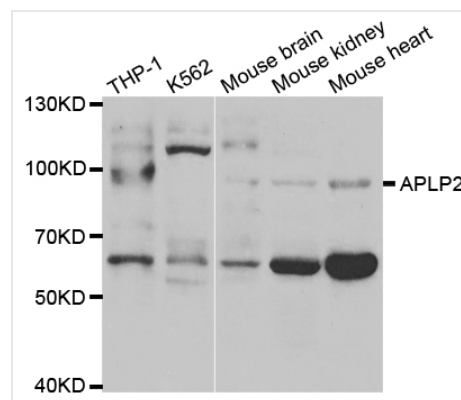
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total APLP2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	751
Applicable Applications for anti-APLP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human APLP2.
Target Name	APLP2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using APLP2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using APLP2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-APLP2 antibody	This gene encodes amyloid precursor- like protein 2 (APLP2), which is a member of the APP (amyloid precursor protein) family including APP, APLP1 and APLP2. This protein is ubiquitously expressed. It contains heparin-, copper- and zinc- binding domains at the N-terminus, BPTI/Kunitz inhibitor and E2 domains in the middle region, and transmembrane and intracellular domains at the C-terminus. This protein interacts with major histocompatibility complex (MHC) class I molecules. The synergy of this protein and the APP is required to mediate neuromuscular transmission, spatial learning and synaptic plasticity. This protein has been implicated in the pathogenesis of Alzheimer's disease. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-APLP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	214010181
NCBI GeneID	334
NCBI Accession #	NP_001135748.1
NCBI GenBank Nucleotide #	NM_001142276.1
UniProt Accession #	Q06481; Q13861; Q14594; Q14662; Q71U10; Q7M4L3; Q9BT36; B3KXX9; H7BXI4
Molecular Weight	87,215 Da
NCBI Official Full Name	amyloid-like protein 2 isoform 2
NCBI Official Synonym Full Names	amyloid beta (A4) precursor-like protein 2
NCBI Official Symbol	APLP2
NCBI Official Synonym Symbols	APPH; APPL2; CDEBP; APLP-2
NCBI Protein Information	amyloid-like protein 2
UniProt Protein Name	Amyloid-like protein 2
UniProt Gene Name	APLP2
UniProt Synonym Gene Names	APPL2; APLP-2; CDEBP
UniProt Entry Name	APLP2_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/aplp2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/308075>