

APLP2 Antibody | anti-APLP2 antibody

APLP2 (Phospho-Tyr755) Antibody

CATALOG # AAA109424	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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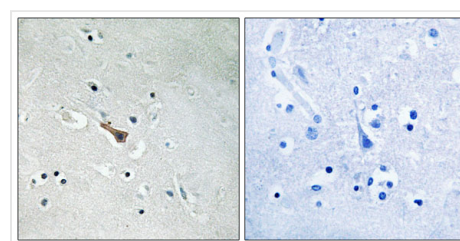
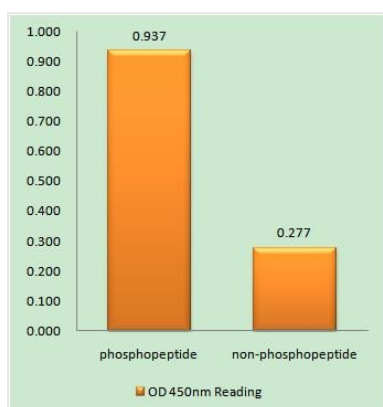
PRODUCT SYNONYMS

APLP2; APLP2 (Phospho-Tyr755) Antibody; Amyloid protein homolog; Amyloid-like protein 2 precursor; APP2; APPH; APPL2; CDEBP; CDEI-box binding protein; anti-APLP2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	APLP2 (Phospho-Tyr755) antibody detects endogenous levels of APLP2 only when phosphorylated at tyrosine 755.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	751
Applicable Applications for anti-APLP2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human APLP2 around the phosphorylation site of tyrosine 755 (P-T-YP-K-Y).
All Sites	Human: Tyr755 Mouse: Tyr687 Rat: Tyr757
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using APLP2 (Phospho-Tyr755) antibody. APLP2 (Phospho-Tyr755) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-APLP2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Sprecher C.A., Biochemistry 32:4481-4486(1993). Wasco W., Nat. Genet. 5:95-99(1993). von der Kammer H., DNA Cell Biol. 13:1137-1143(1994).

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 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

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/human-mouse-rat-antibody/aplp2/109424>