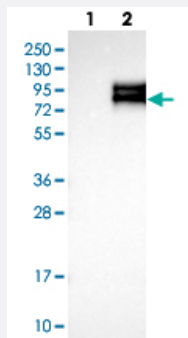


APLP1 polyclonal antibody

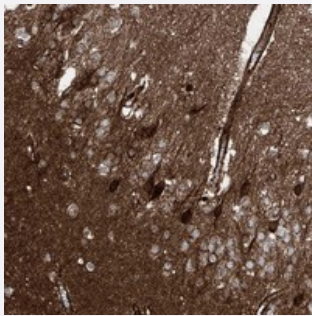
Catalog # PAB22231 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with APLP1 polyclonal antibody (Cat # PAB22231).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human hippocampus with APLP1 polyclonal antibody (Cat # PAB22231) shows strong positivity in subsets of neuronal cells and neuropil.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant APLP1.
Immunogen	Recombinant protein corresponding to amino acids of human APLP1.
Sequence	GTAVGDPSTRSWPPGSRVEGAEDDEEEESFPQPVDYFVEPPQAEDEEEETVPPSSHTLAVV GKVTPTRPTDGVDIYFGMPGEISEHEGFLRAKMDLEERRMRQINEVMREWAMADNQSK
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

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Gene Info — APLP1

Entrez GeneID	333
Protein Accession#	P51693
Gene Name	APLP1
Gene Alias	APLP
Gene Description	amyloid beta (A4) precursor-like protein 1
Omim ID	104775
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

amyloid precursor-like protein 1|amyloid-like protein 1