

APLP1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50984

Specification

APLP1 Antibody - Product Information

Application	WB, E
Primary Accession	P51693
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72 KDa

APLP1 Antibody - Additional Information

Gene ID 333

Other Names

Amyloid-like protein 1, APLP, APLP-1, C30, APLP1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human APLP1. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

APLP1 Antibody - Protein Information

Name APLP1

Function

May play a role in postsynaptic function. The C-terminal gamma-secretase processed fragment, ALID1, activates transcription activation through APBB1 (Fe65) binding (By similarity). Couples to JIP signal transduction through C-terminal binding. May interact with cellular G-protein signaling pathways. Can regulate neurite outgrowth through binding to components of the extracellular matrix such as heparin and collagen I.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed in the cerebral cortex where it is localized to the postsynaptic density (PSD)

APLP1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

APLP1 Antibody - Images**APLP1 Antibody - Background**

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APLP1 Antibody - References

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Bush A.I.,et al.J. Biol. Chem. 269:26618-26621(1994).