

APLP-1 Polyclonal Antibody

Catalog # AP73241

Specification

APLP-1 Polyclonal Antibody - Product Information

Application WB
Primary Accession P51693

Reactivity Human, Mouse

Host Rabbit Clonality Polyclonal

APLP-1 Polyclonal Antibody - Additional Information

Gene ID 333

Other Names

APLP1; Amyloid-like protein 1; APLP; APLP-1

Dilution

WB $\sim\sim$ Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

APLP-1 Polyclonal 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)

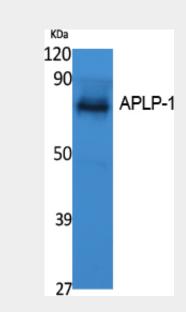
APLP-1 Polyclonal Antibody - Protocols

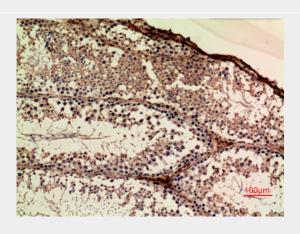


Provided below are standard protocols that you may find useful for product applications.

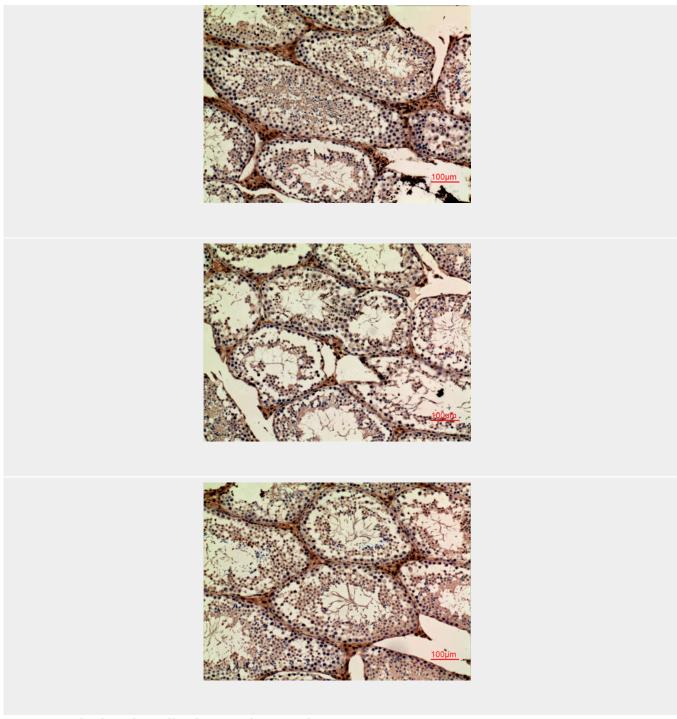
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

APLP-1 Polyclonal Antibody - Images









APLP-1 Polyclonal Antibody - Background

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