10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# APLP-1 Polyclonal Antibody

Catalog # AP73241

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P, IF, ICC, E |
| **Primary Accession** | P51693 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 72176 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 333 |
| **Other Names** | APLP1; Amyloid-like protein 1; APLP; APLP-1 |
| **Dilution** | WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A |
| **Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| **Storage Conditions** | -20℃ |

## Protein Information

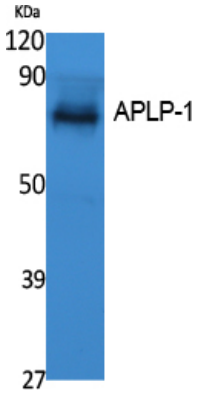
| | |
|---|---|
| **Name** | APLP1 |
| **Function** | May play a role in postsynaptic function. The C-terminal gamma-secretase processed fragment, ALID1, activates transcription activation through APBB1 (Fe65) binding (By similarity). Couples to JIP signal transduction through C-terminal binding. May 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) |

## Background

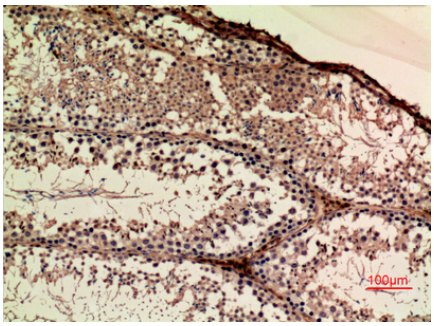
May play a role in postsynaptic function. The C-terminal gamma-secretase processed fragment, ALID1,

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.

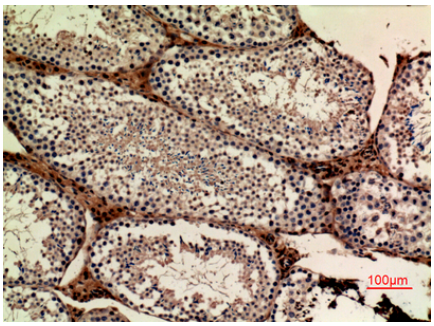
## Images



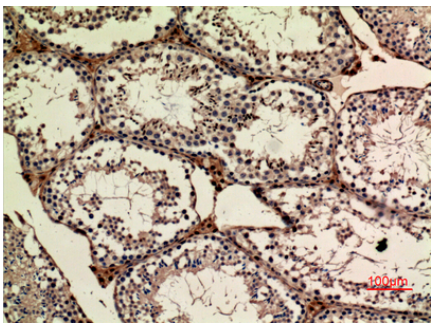

Western Blot analysis of extracts from K562 cells, using APLP-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100

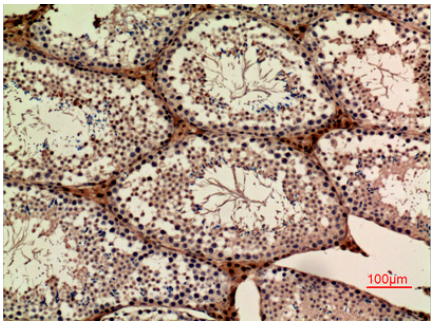


Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100

Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100




Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.