

**APLP-1 Polyclonal Antibody**  
**Catalog # AP73241****Specification**

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**APLP-1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P51693</a>
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~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

**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**

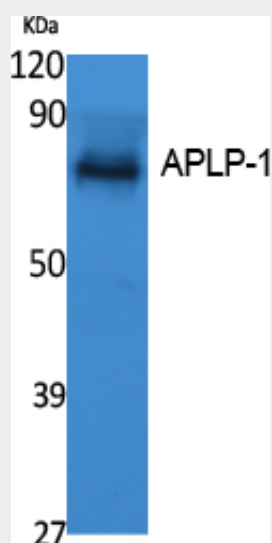
Expressed in the cerebral cortex where it is localized to the postsynaptic density (PSD)

## APLP-1 Polyclonal Antibody - Protocols

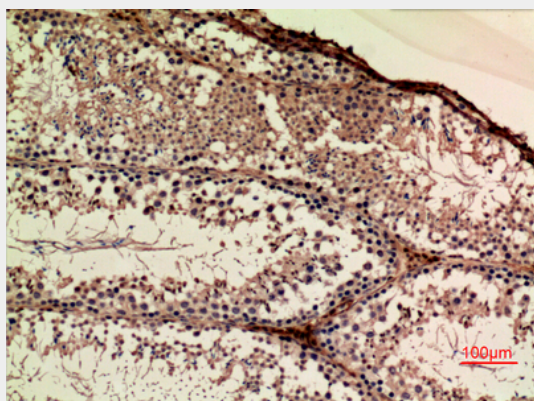
Provided below are standard protocols that you may find useful for product applications.

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

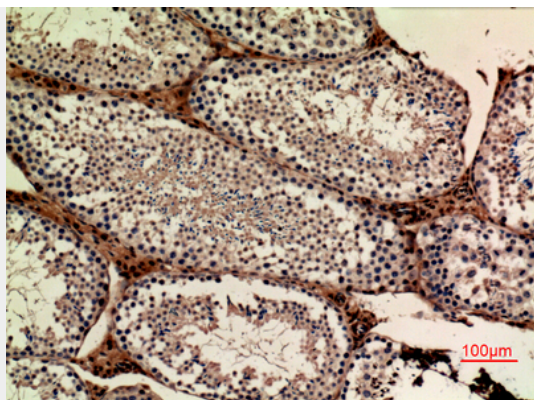
## APLP-1 Polyclonal Antibody - Images



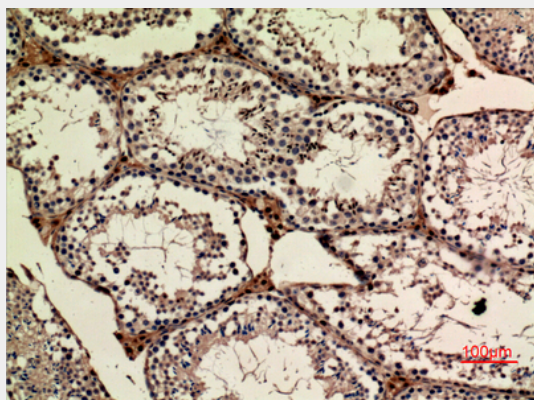
Western Blot analysis of extracts from K562 cells, using APLP-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



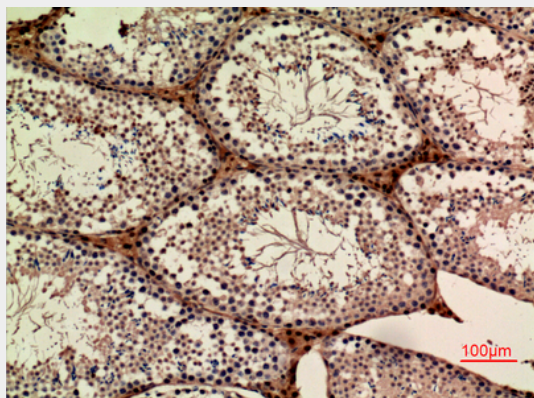
Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100



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

#### **APLP-1 Polyclonal Antibody - Background**

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