

## APLP-1 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP00519
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from APLP-1 . at AA range: 360-440
Mol wt	72176
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	APLP-1 Antibody
Synonyms	APLP1; Amyloid-like protein 1; APLP; APLP-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

APLP1 encodes a member of the highly conserved amyloid precursor protein gene family. The amyloid-like protein 1 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.

### Recommended Dilution

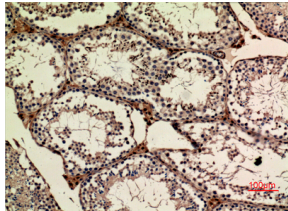
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

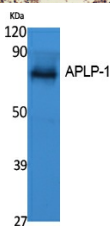
ELISA: 1: 10000

Not yet tested in other applications.

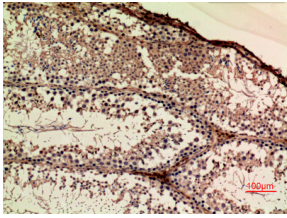
### Images



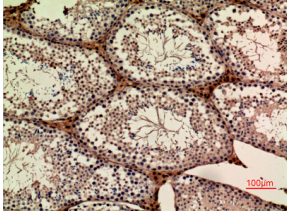
Immunohistochemical analysis of paraffin-embedded mouse-ovary, antibody was diluted at 1:100



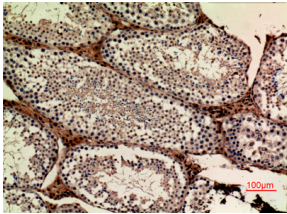
Western Blot analysis of extracts from K562 cells, using APLP-1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



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

### Storage

-20°C for one year

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