

## APLP1 Polyclonal Antibody

<b>Catalog No.</b>	A6870	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB, IF	<b>Observed MW</b>	68kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	72kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 39-300 of human APLP1 (NP_005157.1).
<b>Gene ID</b>	333
<b>Swiss prot</b>	P51693
<b>Synonyms</b>	APLP1; APLP; amyloid-like protein 1

### Product information

<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

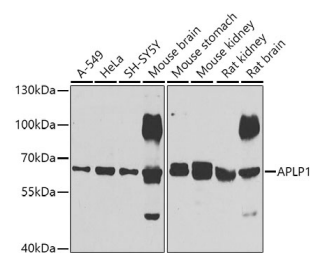
### Background

This gene encodes a member of the highly conserved amyloid precursor protein gene family. The encoded protein 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.

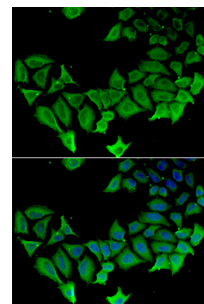
### Recommended Dilutions

WB 1:500 -  
1:2000

IF 1:10 -  
1:100



Western blot - APLP1 Polyclonal Antibody (A6870)



Immunofluorescence - APLP1 Polyclonal Antibody (A6870)