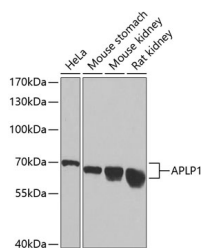


## APLP1 Polyclonal Antibody

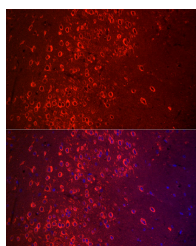
<b>Catalog No.</b>	E-AB-67484	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

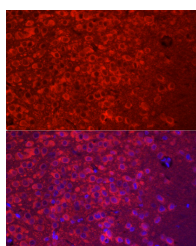
### Images



Western blot analysis of various lysates using APLP1 Polyclonal Antibody at 1:500 dilution.



Immunofluorescence analysis of Mouse brain using APLP1 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat Brain using APLP1 Polyclonal antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human APLP1
<b>GeneID</b>	333
<b>Swissprot</b>	P51693
<b>Synonyms</b>	APLP1, APLP

### Product Information

<b>Calculated MW</b>	72kDa
<b>Observed MW</b>	100kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IF 1:50-1:200

### 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.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.