

APLP1 Rabbit pAb

Catalog No.: A2634

Basic Information

Observed MW

100kDa

Calculated MW

72kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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 1:100 - 1:500

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

333

Swiss Prot

P51693

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 470-580 of human APLP1 (NP_005157.1).

Synonyms

APLP; APLP1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

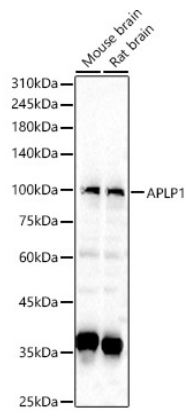
Affinity purification

Storage

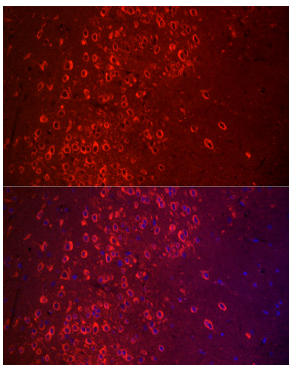
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

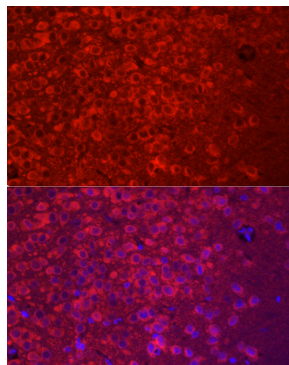
Validation Data



Western blot analysis of various lysates, using APLP1 antibody (A2634) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.



Immunofluorescence analysis of Mouse brain using APLP1 Rabbit pAb (A2634) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat Brain using APLP1 Rabbit pAb (A2634) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.