

Phospho-PSD93/chapsyn-110/DLG2-Y340 Rabbit pAb

Catalog No.: AP1080

Basic Information

Observed MW

105kDa

Calculated MW

98kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. The encoded protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described, but their full-length nature is not known.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1740

Swiss Prot

Q15700

Immunogen

A synthetic phosphorylated peptide around Y340 of human PSD93/chapsyn-110/DLG2 (NP_001355.2).

Synonyms

PSD93; PSD-93; PPP1R58; chapsyn-110; Phospho-PSD93/chapsyn-110/DLG2-Y340

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

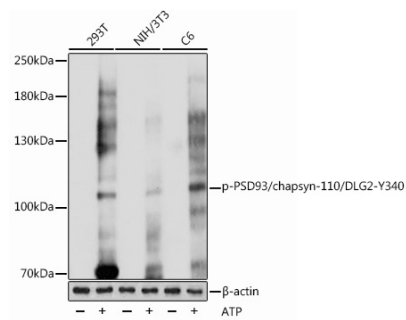
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using Phospho-PSD93/chapsyn-110/DLG2-Y340 Rabbit pAb (AP1080) at 1:1000 dilution. 293T cells were treated by ATP(5 mM) at 30°C for 1 hour. NIH/3T3 cells were treated by ATP(5 mM) at 30°C for 1 hour. C6 cells were treated by ATP(5 mM) at 30°C for 1 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.