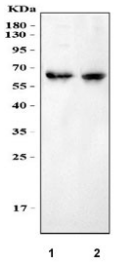
MPP2 Antibody / MAGUK p55 subfamily member 2 (R32547)

Catalog No.	Formulation	Size
R32547	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q14168
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml
Limitations	This MPP2 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain with MPP2 antibody at 0.5ug/ml. Predicted molecular weight: isoforms of ~46 kDa and 60-67 kDa.

Description

Membrane Palmitoylated Protein 2, also called MAGUK p55 subfamily member 2, is a protein that in humans is encoded by the MPP2 gene. Palmitoylated membrane protein 2 is a member of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. Palmitoylated membrane protein 2 contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and

are suspected to play important roles in signal transduction.

Application Notes

Differences in protocols and secondary/substrate sensitivity may require the MPP2 antibody to be titrated for optimal performance.

Immunogen

Amino acids R387-Y576 from the human protein were used as the immunogen for the MPP2 antibody.

Storage

After reconstitution, the MPP2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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