

For Research Use Only

MPP2 Polyclonal antibody

Catalog Number: 13589-1-AP



Basic Information

Catalog Number: 13589-1-AP	GenBank Accession Number: BC030287	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 4355	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:200-1:800
Source: Rabbit	Full Name: membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)	
Isotype: IgG	Calculated MW: 576 aa, 65 kDa	
Immunogen Catalog Number: AG4223	Observed MW: 65 kDa, 60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse eye tissue, mouse retina tissue IHC : mouse brain tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Membrane protein palmitoylated 2 (MPP2) is a member of the membrane-associated guanylate kinase (MAGUK) family. MPPs can form diverse protein complexes at the cell membranes and play an important role in cell structure, polarity and cell adhesion. MPP2 is a novel postsynaptic scaffold protein that binds to the synaptic cell adhesion molecule SynCAM1. MPP2 also is a component of AMPA receptor-associated protein complexes.

Storage

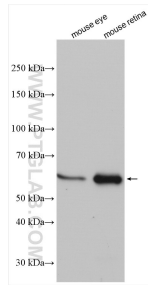
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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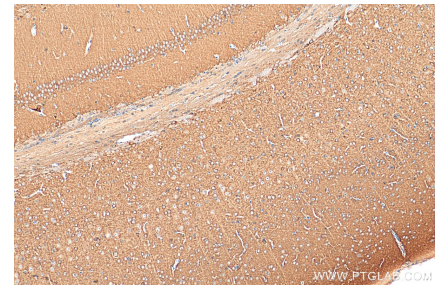
Selected Validation Data



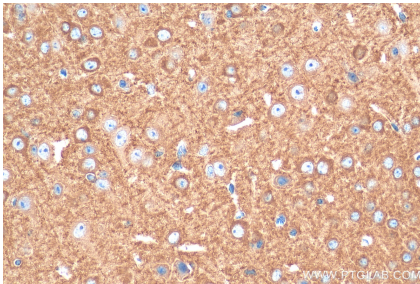
Various lysates were subjected to SDS PAGE followed by western blot with 13589-1-AP (MPP2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



mouse eye tissue were subjected to SDS PAGE followed by western blot with 13589-1-AP (MPP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13589-1-AP (MPP2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13589-1-AP (MPP2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).