

For Research Use Only

MAP6/STOP Polyclonal antibody

Catalog Number: 25717-1-AP



Basic Information

Catalog Number: 25717-1-AP	GenBank Accession Number: BC139780	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 250 µg/ml by Nanodrop;	GeneID (NCBI): 4135	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	Full Name: microtubule-associated protein 6	
Isotype: IgG	Calculated MW: 813 aa, 87 kDa	
Immunogen Catalog Number: AG22471	Observed MW: 120 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

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

Positive Controls:

WB : mouse retina tissue,

IHC : mouse cerebellum tissue,

Background Information

MAP6, also named STOP protein, has been isolated from brain preparations but is also present in other tissues such as the skeletal muscles and heart. MAP6 is a calmodulin-binding and calmodulin-regulated protein that is involved in microtubule stabilization. Different isoforms of STOP protein arise from alternative mRNA splicing and transcription initiation sites using a single gene. The neuronal MAP6 isoforms N-STOP (120 kDa) and E-STOP (80 kDa), the astrocyte MAP6 isoform A-STOP (60 kDa), and a fibroblastic MAP6 isoform F-STOP (48 kDa) have been identified.

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

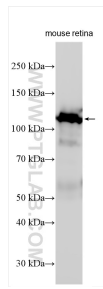
For technical support and original validation data for this product please contact:

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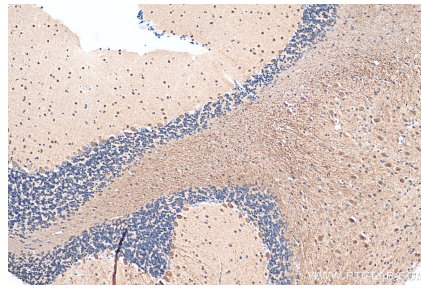
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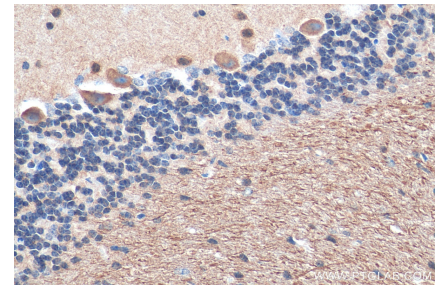
Selected Validation Data



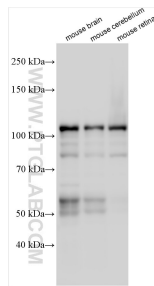
mouse retina tissue were subjected to SDS PAGE followed by western blot with 25717-1-AP (MAP6/STOP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 25717-1-AP (MAP6/STOP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 25717-1-AP (MAP6/STOP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 25717-1-AP (MAP6/STOP antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.