

For Research Use Only

CRMP5 Monoclonal antibody

Catalog Number: 68272-1-Ig



Basic Information

Catalog Number: 68272-1-Ig	GenBank Accession Number: BC002874	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 56896	CloneNo.: 3F2D8
Source: Mouse	UNIPROT ID: Q9BPU6	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: dihydropyrimidinase-like 5	
Immunogen Catalog Number: AG0783	Calculated MW: 61 kDa	
	Observed MW: 61 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : pig brain tissue, rabbit cerebellum tissue, rat cerebellum tissue
Species Specificity: Human, Mouse, Rat, Pig, Rabbit	

Background Information

Collapsin response mediator proteins (CRMPs) are a family consisting of five homologous cytosolic phosphoproteins (CRMP1-5). All five CRMPs are abundantly expressed in the developing brain and the adult nervous system. CRMP5 is phylogenetically divergent from the other four CRMPs, sharing only 50% homology; this protein plays an important role in modulating filopodial dynamics and, in turn, restricting neuronal growth cone development.

Storage

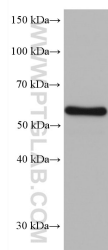
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

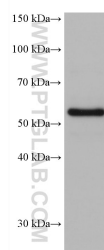
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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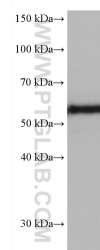
Selected Validation Data



pig brain tissue were subjected to SDS PAGE followed by western blot with 68272-1-Ig (DPYSL5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



rabbit cerebellum tissue were subjected to SDS PAGE followed by western blot with 68272-1-Ig (DPYSL5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



rat cerebellum tissue were subjected to SDS PAGE followed by western blot with 68272-1-Ig (CRMP5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.