

For Research Use Only

# CRMP5 Monoclonal antibody

Catalog Number:68272-1-Ig



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : pig brain tissue, rabbit cerebellum tissue, rat cerebellum tissue
<b>Species Specificity:</b> 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

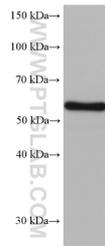
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

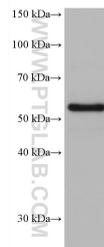
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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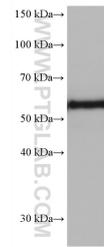
## Selected Validation Data



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.