

For Research Use Only

SAP102 Monoclonal antibody, PBS Only



Catalog Number: 67102-1-PBS

Basic Information

Catalog Number: 67102-1-PBS	GenBank Accession Number: BC093864	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1741	CloneNo.: 1F6A10
Source: Mouse	UNIPROT ID: Q92796	
Isotype: IgG1	Full Name: discs, large homolog 3 (Drosophila)	
Immunogen Catalog Number: AG28589	Calculated MW: 817 aa, 90 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, Pig, Mouse, Rat

Background Information

Synapse-associated protein 102 (SAP102), also known as DLG3, is a MAGUK that is highly expressed early in development and mediates receptor trafficking during synaptogenesis. The importance of SAP102 function in brain development is demonstrated by the fact that SAP102 mutations have been identified in human patients with nonsyndromic X-linked mental retardation (XLMR). SAP102 has critical roles in early cortical synapse development.

Storage

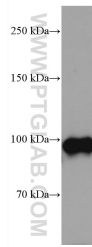
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

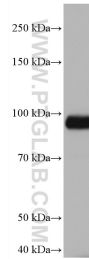
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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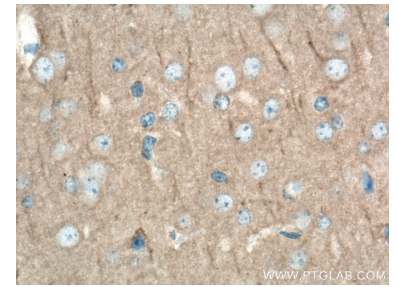
Selected Validation Data



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 67102-1-Ig (SAP102 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67102-1-PBS in a different storage buffer formulation.



pig brain tissue were subjected to SDS PAGE followed by western blot with 67102-1-Ig (SAP102 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67102-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67102-1-Ig (SAP102 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67102-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67102-1-Ig (SAP102 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67102-1-PBS in a different storage buffer formulation.