

For Research Use Only

CNTN1 Monoclonal antibody, PBS Only



Catalog Number: 68252-1-PBS

Basic Information

Catalog Number: 68252-1-PBS	GenBank Accession Number: BC036569	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 1272	CloneNo.: 1C1D4
Source: Mouse	UNIPROT ID: Q12860	
Isotype: IgG1	Full Name: contactin 1	
Immunogen Catalog Number: AG5030	Calculated MW: 1018 aa, 113 kDa	
	Observed MW: 130-135 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, pig, rabbit

Background Information

Contactin-1 (CNTN1), also known as Glycoprotein gp135 or Neural cell surface protein F3, is a neuronal cell adhesion molecule of the immunoglobulin superfamily (PMID: 3049624). It consists of six Ig domains, four fibronectin-like motifs, and a glycosylphosphatidylinositol (GPI)-moiety. Expressed by the central and peripheral neurons, CNTN1 contributes to the formation and function of neuronal connections. It plays a role in axon extension and formation of septate-like junctions between axons and myelinating glial cells (PMID: 23724143). In addition, acting as a ligand for Notch, CNTN1 initiates a NOTCH/DTX1 signaling pathway that promotes oligodendrocyte maturation and myelination (PMID: 14567914).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

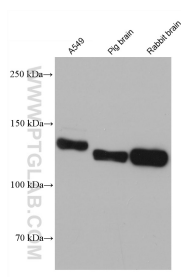
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E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68252-1-Ig (CNTN1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68252-1-PBS in a different storage buffer formulation.