

For Research Use Only

CNTN2 Recombinant monoclonal antibody

Catalog Number: 87574-1-RR



Basic Information

Catalog Number: 87574-1-RR	GenBank Accession Number: NM_001346083.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6900	CloneNo.: 252726A10
Source: Rabbit	UNIPROT ID: Q02246	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: contactin 2 (axonal)	
Immunogen Catalog Number: EG5489	Calculated MW: 113 kDa	
	Observed MW: 135-150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue, mouse cerebellum tissue, pig brain tissue, fetal human brain tissue
Species Specificity: human, mouse, rat, pig	

Background Information

Contactin-2 (CNTN2), also known as CNTN2 or axonal glycoprotein TAG-1, is a cell adhesion molecule anchored within the cell membrane that is a member of the immunoglobulin family. It is reported to be transiently expressed in specific neurons during the fetal period (PMID: 27621318, 29777776). CNTN2 consists of six Ig domains followed by four fibronectin domains, and it is tethered to the cell surface by a glycosylphosphatidylinositol anchor. CNTN2 levels may reflect impairment of brain development and indirectly brain iron stores, which are likely deficient in infants of maternal IDA or chronic hypoxic states like IDMs (PMID: 26718491).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

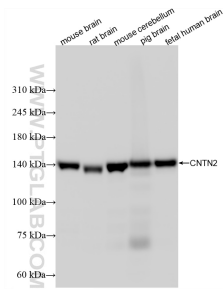
For technical support and original validation data for this product please contact:

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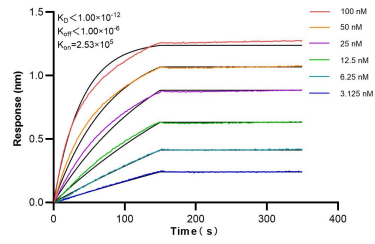
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87574-1-RR (CNTN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87574-1-RR against Human CNTN2 were performed. The affinity constant is below 1 pM.