

For Research Use Only

CNTN2 Recombinant monoclonal antibody

Catalog Number: 87574-1-RR



Basic Information

Catalog Number:

87574-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5489

GenBank Accession Number:

NM_001346083.2

GeneID (NCBI):

6900

UNIPROT ID:

Q02246

Full Name:

contactin 2 (axonal)

Calculated MW:

113 kDa

Observed MW:

135-150 kDa

Purification Method:

Protein A purification

CloneNo.:

252726A10

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, pig

Positive Controls:

WB : mouse brain tissue, rat brain tissue, mouse cerebellum tissue, pig brain tissue, fetal human brain tissue

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

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

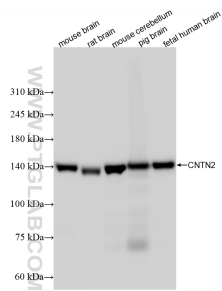
T: 4006900926

E: Proteintech-CN@ptglab.com

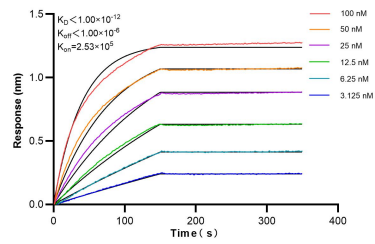
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Selected Validation Data



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.