

For Research Use Only

CNTNAP4 Polyclonal antibody

Catalog Number: 32250-1-AP



Basic Information

Catalog Number:

32250-1-AP

Concentration:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37716

GenBank Accession Number:

NM_033401.4

GeneID (NCBI):

85445

UNIPROT ID:

Q9C0A0

Full Name:

contactin associated protein-like 4

Calculated MW:

145kDa, 1308aa / 137 kDa, 1235aa

Observed MW:

150 kDa, 137 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:5000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : fetal human brain tissue,

Background Information

Contactin-associated protein-like 4 (Cntnap4) is critical for GABAergic transmission in the brain. Impaired Cntnap4 function is implicated in neurological disorders, such as autism. Loss of Cntnap4 causes pro-inflammatory cognitive decline (PMID: 37933376).

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:

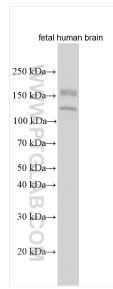
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32250-1-AP (CNTNAP4 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.