

For Research Use Only

CASPR Polyclonal antibody, PBS Only

Catalog Number: 55417-1-PBS



Basic Information

Catalog Number:

55417-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_003632

GeneID (NCBI):

8506

UNIPROT ID:

P78357

Full Name:

contactin associated protein 1

Calculated MW:

156 kDa

Observed MW:

180-190 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

CNTNAP1, also named as CASPR, NRXN4, p190, Neurexin IV and Neurexin-4, belongs to the neurexin family. It plays a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers. CNTNAP1 seems to demarcate the paranodal region of the axo-glial junction. In association with contactin, CNTNAP1 may have a role in the signaling between axons and myelinating glial cells. This antibody is specific to CNTNAP1.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

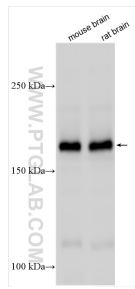
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

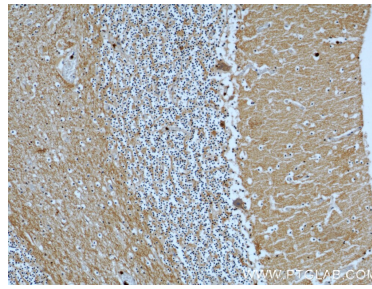
E: proteintech@ptglab.com
W: ptglab.com

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

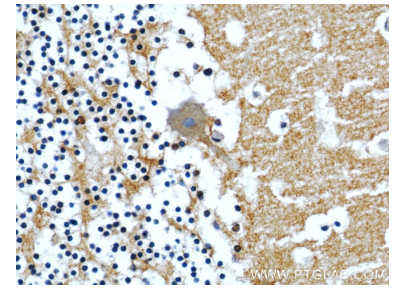
Selected Validation Data



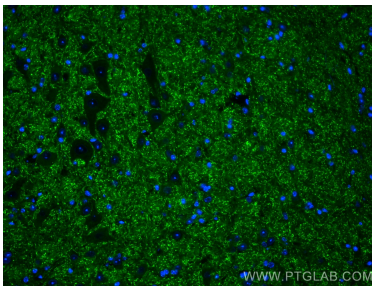
Various lysates were subjected to SDS PAGE followed by western blot with 55417-1-AP (CASPR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55417-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cerebellum using 55417-1-AP (CASPR antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 55417-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cerebellum using 55417-1-AP (CASPR antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 55417-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using CASPR antibody (55417-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 55417-1-PBS in a different storage buffer formulation.