

For Research Use Only

PLXNC1 Polyclonal antibody

Catalog Number: 31835-1-AP



Basic Information

Catalog Number:

31835-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36558

GenBank Accession Number:

BC156867

GeneID (NCBI):

10154

UNIPROT ID:

O60486

Full Name:

plexin C1

Calculated MW:

1568 aa, 176 kDa

Observed MW:

150 kDa, 200 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

IP: mouse brain tissue,

Background Information

Plexin C1 (PLXNC1) located on chromosome 12 is a member of Plexin family composed of transmembrane proteins. PLXNC1 which was first described in the optic tectum participates in neuron cell adhesion and migration as a target receptor of Semaphorin 7A. In addition to the role in nervous system, there is considerable evidence in favor of the involvement of PLXNC1 in human diseases through regulating immunological response. For example, knockdown of PLXNC1 plays the suppressive role in hepatic ischemia-reperfusion injury and lung injury through reducing inflammatory response. Nevertheless, the effects of PLXNC1 on the biological processes of OA remain to be elaborated (PMID: 37853395). PLXNC1 has multiple glycosylation sites, which may cause the observed bands to migrate differently..

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:

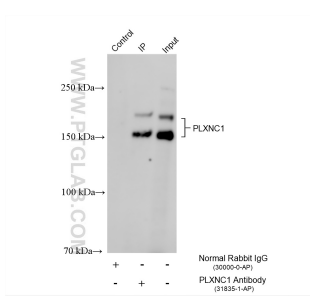
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-PLXNC1 (IP:31835-1-AP, 4ug;
Detection:31835-1-AP 1:300) with mouse brain
tissue lysate 1720 ug.