

For Research Use Only

PLXNA4 Polyclonal antibody, PBS Only

Catalog Number:17201-1-PBS



Basic Information

Catalog Number:

17201-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10978

GenBank Accession Number:

BC028744

GeneID (NCBI):

91584

UNIPROT ID:

Q9HCM2

Full Name:

plexin A4

Calculated MW:

522aa,58 kDa; 1894aa,212 kDa

Observed MW:

212 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

PLXNA4 is a plexin family receptor that transduces semaphorin signals to regulate axon guidance, vascular development, and immune cell migration. It functions as a plasma membrane receptor with intracellular GTPase-regulatory activity, linking extracellular cues to cytoskeletal remodeling. Dysregulation of PLXNA4 has been associated with neurological disease (including Alzheimer's), cancer progression, and vascular/immune dysfunction, making it a multifunctional receptor of significant biomedical interest. (PMID: 27127761)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

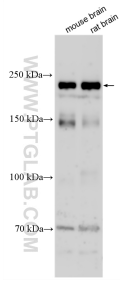
T: 4006900926

E: Proteintech-CN@ptglab.com

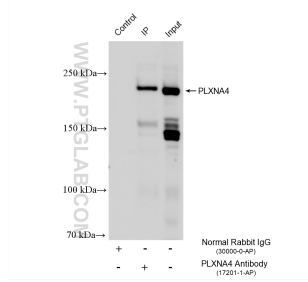
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17201-1-AP (PLXNA4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17201-1-PBS in a different storage buffer formulation.



IP result of anti-PLXNA4 (IP:17201-1-AP, 4ug; Detection:17201-1-AP 1:800) with mouse brain tissue lysate 1720 ug. This data was developed using the same antibody clone with 17201-1-PBS in a different storage buffer formulation.