

For Research Use Only

Plexin C1 Polyclonal antibody

Catalog Number:33781-1-AP



Basic Information

Catalog Number: 33781-1-AP	GenBank Accession Number: NM_018797.3	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 54712	
Isotype: IgG	UNIPROT ID: Q9QZC2	
Immunogen Catalog Number: EG6304	Full Name: plexin C1	
	Calculated MW: 176 kDa	
	Observed MW: 200 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
mouse

Background Information

PlxnC1 in mouse encodes a semaphorin receptor that integrates extracellular guidance and immune cues through R-Ras/Rap1-GTPase regulation. Expressed in neurons, epithelial cells, and immune cells, it governs axon targeting, olfactory circuit formation, and inflammatory responses. Loss of PlxnC1 disrupts olfactory axon sorting and modifies immune signaling, underscoring its conserved role in neurodevelopmental patterning and immune homeostasis.

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:

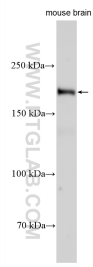
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33781-1-AP (Plexin C1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.