

For Research Use Only

# Plexin C1 Polyclonal antibody

Catalog Number: 33781-1-AP



## Basic Information

<b>Catalog Number:</b> 33781-1-AP	<b>GenBank Accession Number:</b> NM_018797.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 420 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54712	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9QZC2	
<b>Isotype:</b> IgG	<b>Full Name:</b> plexin C1	
<b>Immunogen Catalog Number:</b> EG6304	<b>Calculated MW:</b> 176 kDa	
	<b>Observed MW:</b> 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

\*\*\* 20ul sizes contain 0.1% BSA

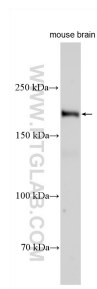
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## Selected Validation Data



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.