For Research Use Only

# UNC5A-Specific Polyclonal antibody

Catalog Number:20239-1-AP 1 Publications

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## Basic Information

Catalog Number:
20239-1-AP

Size:
150ul , Concentration: 210 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_133369

GeneID (NCBI):
90249

UNIPROT ID:
Q6ZN44

Full Name:
unc-5 homolog A (C. elegans)

Calculated MW:
93 kDa

Observed MW:
103 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000

## Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Cited Species:
human

Positive Controls:

WB : mouse brain tissue,

## Background Information

UNC5A, also named as KIAA1976 and UNC5H1, belongs to the unc-5 family. It is a receptor for netrin required for axon guidance. It mediates axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding. Axon repulsion in growth cones may be caused by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. The antibody is specific to UNC5A. It has no cross reaction to UNC5B, UNC5C and UNC5D.

## Notable Publications

| Author | Pubmed ID | Journal | Application |
|---|---|---|---|
| Kushal Prajapati | 38427724 | Sci Adv | |

## Storage

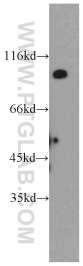
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

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




mouse brain tissue were subjected to SDS PAGE followed by western blot with 20239-1-AP (UNC5A-Specific antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.