

For Research Use Only

# UNC79 Polyclonal antibody

Catalog Number: 31426-1-AP



## Basic Information

### Catalog Number:

31426-1-AP

### Size:

150ul , Concentration: 350 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG35440

### GenBank Accession Number:

NM\_020818.4

### GeneID (NCBI):

57578

### UNIPROT ID:

Q9P2D8

### Full Name:

KIAA1409

### Calculated MW:

295 kDa

### Observed MW:

295 kDa

### Purification Method:

Antigen affinity Purification

### Recommended Dilutions:

WB: 1:500-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : mouse brain tissue, mouse retina tissue, rat brain tissue

## Background Information

UNC79 protein is one of the key auxiliary subunits of the NALCN channel complex. Together with NALCN, FAM155A, and UNC80, it constitutes the NALCN channel body and is essential for maintaining neuronal excitability, motor function, pain sensitivity, and circadian rhythm (PMID: 35387979).

## 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

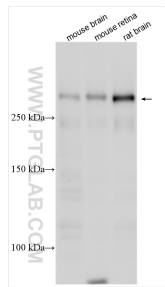
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31426-1-AP (UNC79 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.