

For Research Use Only

UNC79 Polyclonal antibody

Catalog Number: 31426-1-AP



Basic Information

Catalog Number:

31426-1-AP

Concentration:

350 ug/ml

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

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

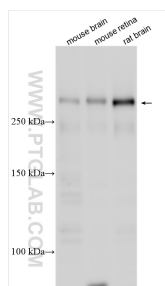
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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