

For Research Use Only

# UNC13B Polyclonal antibody, PBS Only

Catalog Number: 21839-1-PBS



## Basic Information

Catalog Number:

21839-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16478

GenBank Accession Number:

BC111781

GeneID (NCBI):

10497

UNIPROT ID:

O14795

Full Name:

unc-13 homolog B (C. elegans)

Calculated MW:

1610 aa, 183 kDa

Observed MW:

180 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

UNC13A is a member of the unliganded-13 (UNC13) family and plays a crucial role in synaptic vesicle priming and exocytosis. UNC13B has been implicated in autism spectrum disorder (ASD), partial epilepsy, and schizophrenia (PMID: 38188011).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

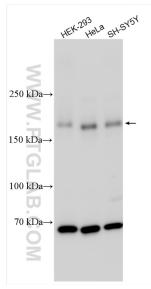
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21839-1-AP (UNC13B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21839-1-PBS in a different storage buffer formulation.