

For Research Use Only

UNC13B Polyclonal antibody

Catalog Number: 21839-1-AP



Basic Information

Catalog Number: 21839-1-AP	GenBank Accession Number: BC111781	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 10497	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: O14795	
Isotype: IgG	Full Name: unc-13 homolog B (C. elegans)	
Immunogen Catalog Number: AG16478	Calculated MW: 1610 aa, 183 kDa	
	Observed MW: 180 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HEK-293 cells, mouse brain tissue, HeLa cells, SH-SY5Y cells, rat brain tissue

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

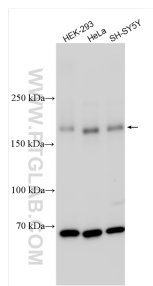
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.