

For Research Use Only

Synaptotagmin-9 Polyclonal antibody

Catalog Number:12793-1-AP



Basic Information

Catalog Number: 12793-1-AP	GenBank Accession Number: BC029605	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 143425	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q86556	
Isotype: IgG	Full Name: synaptotagmin IX	
Immunogen Catalog Number: AG3520	Calculated MW: 491 aa, 52 kDa	
	Observed MW: 52-56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse eye tissue, human brain tissue, human kidney tissue, rat eye
Species Specificity: human, mouse, rat	

Background Information

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca²⁺ sensors in the process of vesicular trafficking and exocytosis (PMID: 8058779). Synaptotagmin-9 (SYT9) is a tandem C2 domain Ca²⁺ sensor for exocytosis in neuroendocrine cells (PMID: 36732068).

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

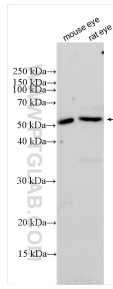
For technical support and original validation data for this product please contact:

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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12793-1-AP (Synaptotagmin-9 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.