

For Research Use Only

Synaptotagmin-14 Polyclonal antibody

Catalog Number: 20561-1-AP



Basic Information

Catalog Number: 20561-1-AP	GenBank Accession Number: NM_153262	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 255928	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8NB59	
Isotype: IgG	Full Name: synaptotagmin XIV	
	Calculated MW: 62 kDa	
	Observed MW: 62-65 kDa	

Applications

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

Background Information

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis (PMID: 8058779). Synaptotagmin-14 (SYT14) is highly expressed in brain tissues. A homozygous mutation of SYT14 is involved in the pathogenesis of spinocerebellar ataxia (SCA) (PMID: 21835308).

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

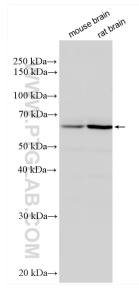
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20561-1-AP (Synaptotagmin-14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.