

For Research Use Only

# Synaptotagmin-9 Polyclonal antibody

Catalog Number: 12793-1-AP



## Basic Information

Catalog Number:

12793-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3520

GenBank Accession Number:

BC029605

GeneID (NCBI):

143425

UNIPROT ID:

Q86SS6

Full Name:

synaptotagmin IX

Calculated MW:

491 aa, 52 kDa

Observed MW:

52-56 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 eye tissue, human brain tissue, human kidney tissue, rat eye

## Background Information

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca<sup>2+</sup> sensors in the process of vesicular trafficking and exocytosis (PMID: 8058779). Synaptotagmin-9 (SYT9) is a tandem C2 domain Ca<sup>2+</sup> 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

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

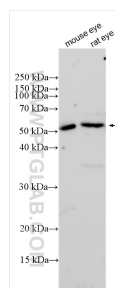
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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 12793-1-AP (Synaptotagmin-9 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.