

For Research Use Only

Synaptotagmin-9 Monoclonal antibody

Catalog Number: 68430-1-Ig



Basic Information

Catalog Number:

68430-1-Ig

Size:

500 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG33194

GenBank Accession Number:

BC029605

GeneID (NCBI):

143425

UNIPROT ID:

Q86556

Full Name:

synaptotagmin IX

Calculated MW:

491 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Protein G purification

CloneNo.:

3D2F2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat, rabbit

Positive Controls:

WB : rabbit retina tissue, rat retina tissue, mouse retina tissue

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-9 (SYT9) is a tandem C2 domain Ca 2+ 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:

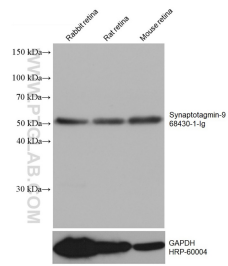
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 68430-1-Ig (Synaptotagmin-9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.