

For Research Use Only

Phospho-SYN1 (Ser9) Recombinant monoclonal antibody, PBS Only

Catalog Number:87293-2-PBS



Basic Information

Catalog Number:

87293-2-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006950

GeneID (NCBI):

6853

UNIPROT ID:

P17600

Full Name:

synapsin I

Calculated MW:

74 kDa

Observed MW:

77 kDa

Purification Method:

Protein A purification

CloneNo.:

252630C2

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

SYN1, also named Brain protein 4.1, belongs to the synapsin family. Phospho-SYN1 (Ser9) is a phosphorylated form of Synapsin 1 (SYN1) at serine residue 9, which plays a significant role in the regulation of synaptic vesicle dynamics. The phosphorylation of Syn1 at this site is induced by action potentiation, leading to the disassociation of Syn1 with its interacting proteins and the subsequent release of synaptic vesicles (SVs).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

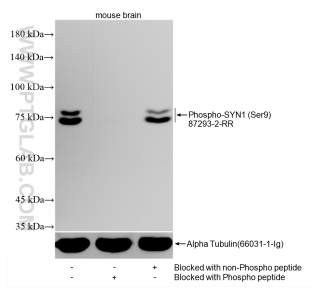
T: 4006900926

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



mouse brain tissue were subjected to SDS PAGE followed by western blot with 87293-2-RR (Phospho-SYN1 (Ser9) antibody) blocked with BSA only, Phospho-SYN1 (Ser9) peptide or non-Phospho peptide at dilution of 1:40000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87293-2-PBS in a different storage buffer formulation.