

For Research Use Only

SYNJ1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87620-3-PBS



Basic Information

Catalog Number:

87620-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16588

GenBank Accession Number:

BC136603

GeneID (NCBI):

8867

UNIPROT ID:

O43426

Full Name:

synaptojanin 1

Calculated MW:

1612 aa, 178 kDa

Observed MW:

120 kDa, 143 kDa, 173 kDa

Purification Method:

Protein A purification

CloneNo.:

253047B4

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Synaptojanin 1, a polyphosphoinositide phosphatase, is expressed as two major alternatively spliced isoforms of 145 kDa (SJ145) and 170 kDa (SJ170), which are thought to have pleiotropic roles in endocytosis, signaling, and actin function. SJ145 is highly enriched in nerve terminals where it participates in clathrin-dependent synaptic vesicle recycling. SJ170, which differs from SJ145 by the presence of a carboxy-terminal extension, is the predominant isoform in developing neurons and is expressed in a variety of tissues (PMID:10801423).

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:

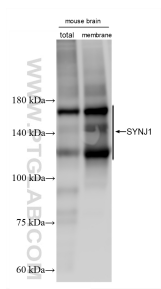
T: 4006900926

E: Proteintech-CN@ptglab.com

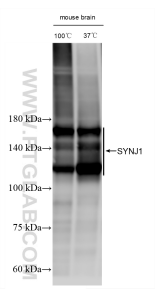
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

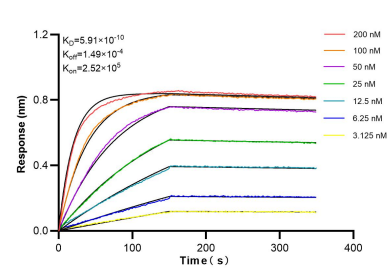
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87620-3-RR (SYNJ1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87620-3-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 87620-3-RR (SYNJ1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87620-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87620-3-RR against Human SYNJ1 were performed. The affinity constant is 0.591 nM.