

For Research Use Only

Syntabulin Recombinant monoclonal antibody

Catalog Number: 88360-1-RR



Basic Information

Catalog Number:

88360-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9344

GenBank Accession Number:

BC012082

GeneID (NCBI):

55638

UNIPROT ID:

Q9NX95

Full Name:

Golgi-localized protein

Calculated MW:

662 aa, 72 kDa

Observed MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

260730D4

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, HeLa cells

Background Information

Syntabulin, also known as GOLSYN or syntaxin-1-binding protein, is a microtubule-associated aptamer protein crucial for intracellular transport. It functions as a linker that attaches syntaxin-1-containing vesicles to the kinesin-1 motor (KIF5B), enabling their anterograde axonal transport. This process is significant for vesicle exocytosis, synapse formation, and neuronal development.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

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



MCF-7 cells were subjected to SDS PAGE followed by western blot with 88360-1-RR (Syntabulin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.