

For Research Use Only

Syntabulin Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88360-1-PBS



Basic Information

Catalog Number:

88360-1-PBS

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

Applications

Tested Applications:

WB, Cytometric bead array, Indirect ELISA

Species Specificity:

human

Background Information

Syntabulin, also known as GOLGA7ST, is a microtubule-associated aptamer protein crucial for intracellular transport. It connects transport vesicles to kinesin-1 motors, propelling cargo (such as syntaxin-1A and mitochondria) anterogradely along microtubules. This process is significant for vesicle exocytosis, synapse formation, and neuronal development.

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

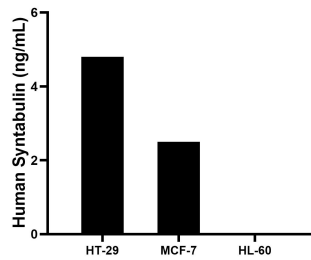
E: Proteintech-CN@ptglab.com

W: ptgcn.com

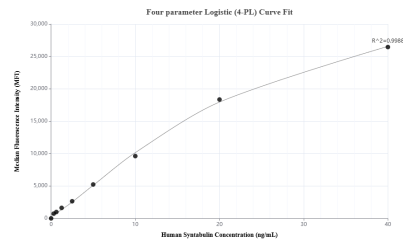
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Selected Validation Data

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. This data was developed using the same antibody clone with 88360-1-PBS in a different storage buffer formulation.



The mean Syntabulin concentration was determined to be 4.8 ng/mL in HT-29 cell extract based on a 1.2 mg/mL extract load, 2.5 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, HL-60 cell extract were served as a negative control.



Cytometric bead array standard curve of MP03456-1, Syntabulin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88360-2-PBS. Detection antibody: 88360-1-PBS. Standard: Ag9344. Range: 0.312-40 ng/mL.