

For Research Use Only

Syntabulin Recombinant monoclonal antibody

Catalog Number: 88360-1-RR



Basic Information

Catalog Number: 88360-1-RR	GenBank Accession Number: BC012082	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55638	CloneNo.: 260730D4
Source: Rabbit	UNIPROT ID: Q9NX95	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: Golgi-localized protein	
Immunogen Catalog Number: AG9344	Calculated MW: 662 aa, 72 kDa	
	Observed MW: 90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HeLa cells
Species Specificity: human	

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

*** 20ul sizes contain 0.1% BSA

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