

For Research Use Only

STXBP4 Recombinant monoclonal antibody

Catalog Number: 87575-1-RR



Basic Information

Catalog Number: 87575-1-RR	GenBank Accession Number: BC041485	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 252983	CloneNo.: 252999C2
Isotype: IgG	UNIPROT ID: Q6ZWJ1	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG5471	Full Name: syntaxin binding protein 4	
	Calculated MW: 62 kDa	
	Observed MW: 62 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HepG2 cells, HEK-293T cells, MCF-7 cells IF/ICC : BxPC-3 cells,

Background Information

STXBP4, also known as Synip, plays a role in the translocation of transport vesicles from the cytoplasm to the plasma membrane. STXBP4 inhibits the translocation of GLUT4 from intracellular vesicles to the plasma membrane by STX4A binding and preventing the interaction between STX4A and VAMP2(PMID: 10394363).

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:

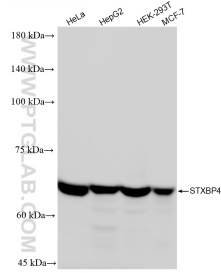
T: 4006900926

E: Proteintech-CN@ptglab.com

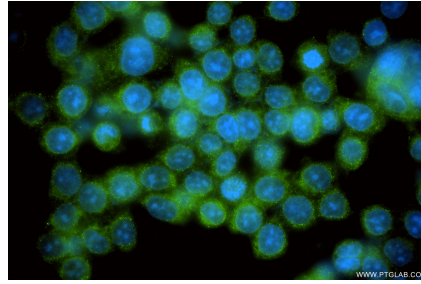
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87575-1-RR (STXBP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed BxPC-3 cells using STXBP4 antibody (87575-1-RR, Clone: 252999C2) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).