

For Research Use Only

STT3B Monoclonal antibody

Catalog Number: 68496-1-Ig



Basic Information

Catalog Number: 68496-1-Ig	GenBank Accession Number: BC015880	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 201595	CloneNo.: 3B7A8
Source: Mouse	Full Name: STT3, subunit of the oligosaccharyltransferase complex, homolog B (<i>S. cerevisiae</i>)	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 97 kDa	
Immunogen Catalog Number: AG30866	Observed MW: 94 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells
Species Specificity: Human	

Background Information

STT3B is a component of the N-oligosaccharyl transferase (OST) enzyme which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. N-glycosylation occurs cotranslationally and the complex associates with the Sec61 complex at the channel-forming translocon complex that mediates protein translocation across the endoplasmic reticulum (ER). STT3B seems to be involved in complex substrate specificity

Storage

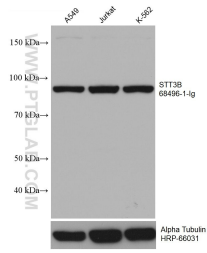
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

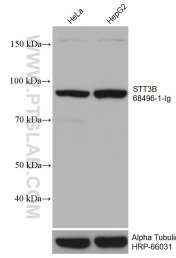
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68496-1-Ig (STT3B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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