

For Research Use Only

STT3B Monoclonal antibody

Catalog Number: 68496-1-Ig



Basic Information

Catalog Number:

68496-1-Ig

Size:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30866

GenBank Accession Number:

BC015880

GeneID (NCBI):

201595

UNIPROT ID:

Q8TCJ2

Full Name:

STT3, subunit of the oligosaccharyltransferase complex, homolog B (*S. cerevisiae*)

Calculated MW:

97 kDa

Observed MW:

94 kDa

Purification Method:

Protein G purification

CloneNo.:

3B7A8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB: A549 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells

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

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

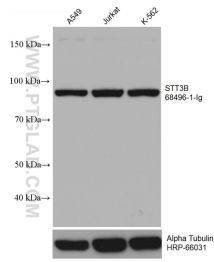
T: 4006900926

E: Proteintech-CN@ptglab.com

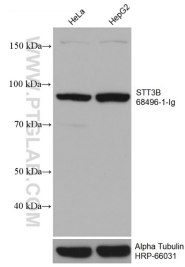
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68496-1-ig (STT3B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



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