



PRODUCT DATA SHEET

Bioworld Technology, Inc.

STT3B polyclonal antibody

Catalog: BS34446

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Dolichyl-diphosphooligosaccharide--protein glycosyl-transferase subunit STT3B: Catalytic subunit of the oligosaccharyl transferase (OST) complex that catalyzes the initial transfer of a defined glycan (Glc(3)Man(9)GlcNAc(2) in eukaryotes) from the lipid carrier dolichol-pyrophosphate to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains, the first step in protein N-glycosylation . 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) . All subunits are required for a maximal enzyme activity. This subunit contains the active site and the acceptor peptide and donor lipid-linked oligosaccharide (LLO) binding pockets . STT3B is present in a small subset of OST complexes (OST-B) and mediates both cotranslational and post-translational N-glycosylation of target proteins: STT3B-...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~93.7 kDa

Swiss-Prot:

Q8TCJ2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of STT3B protein

DATA:

Western blot analysis of c-Jun (Phospho-T91) expression in HGC27 (A) whole cell lysates.

Immunohistochemical analysis of c-Jun (Phospho-T91) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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