

STT3A Antibody (Center)

Catalog_no :	AB3672
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This STT3A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 476-507 amino acids from the Central region of human STT3A.
Dilution :	WB,1:2000;WB,1:2000;
Other_name :	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A, Oligosaccharyl transferase subunit STT3A, STT3-A, 2.4.99.18, B5, Integral membrane protein 1, Transmembrane protein TMC, STT3A, ITM1, TMC
Isotype :	Rabbit Ig
Background :	Catalytic subunit of the N-oligosaccharyl transferase (OST) complex 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). SST3A seems to be involved in complex substrate specificity. STT3A is present in the majority of OST complexes and mediates cotranslational N-glycosylation of most sites on target proteins, while STT3B-containing complexes are required for efficient cotranslational glycosylation and mediate glycosylation of sites that have been skipped by STT3A.
reference :	Hong G.,et al.Genomics 31:295-300(1996). Lissy N.A.,et al.Biochim. Biophys. Acta 1306:137-141(1996). Ota T.,et al.Nat. Genet. 36:40-45(2004). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Taylor T.D.,et al.Nature 440:497-5