Datasheet for ABIN7150606

anti-STT3A antibody (AA 39-114) (HRP)

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Overview

Quantity:	100 µg
Target:	STT3A
Binding Specificity:	AA 39-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STT3A antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A protein (39-114AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	STT3A
Alternative Name:	STT3A (STT3A Products)
Background:	Background: Catalytic subunit of the N-oligosaccharyl transferase (OST) complex which

Target Details

	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. Aliases: B5 antibody, Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A antibody, FLJ27038 antibody, Integral membrane protein 1 antibody, Integral transmembrane protein 1 antibody, ITM1 antibody, MGC9042 antibody, Oligosaccharyl transferase subunit STT3A antibody, STT 3A antibody, STT3 subunit of the oligosaccharyltransferase complex homolog A antibody, STT3-A antibody, STT3A antibody, STT3A_HUMAN antibody, TMC antibody, Transmembrane protein TMC antibody
UniProt:	P46977

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.