

[Go to Product page](#)

Datasheet for ABIN7119563 **anti-STT3A antibody**

Overview

Quantity:	100 µg
Target:	STT3A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STT3A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	STT3, subunit of the oligosaccharyltransferase complex, homolog A
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	STT3A
Alternative Name:	STT3A (STT3A Products)
Background:	Synonyms:B5, Integral membrane protein 1, ITM1, STT3 A, STT3A, TMC, Transmembrane protein TMC 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

Target Details

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.

Molecular Weight:	100 kDa
-------------------	---------

Gene ID:	3703
----------	------

UniProt:	P46977
----------	------------------------

Application Details

Application Notes:	WB: 1:1000-1:5000, IHC: 1:20-1:200, IF: 1:20-1:200
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
---------	--

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

Storage:	-20 °C
----------	--------

Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
------------------	--

Expiry Date:	12 months
--------------	-----------