

Datasheet for ABIN6243748
anti-STT3A antibody (AA 476-507)[Go to Product page](#)

2 Images

Overview

Quantity:	200 µL
Target:	STT3A
Binding Specificity:	AA 476-507
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STT3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	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.
Clone:	RB56284
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	STT3A
Alternative Name:	STT3A (STT3A Products)

Target Details

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.
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Molecular Weight:	80530
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UniProt:	P46977
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Application Details

Application Notes:	WB: 1:2000. WB: 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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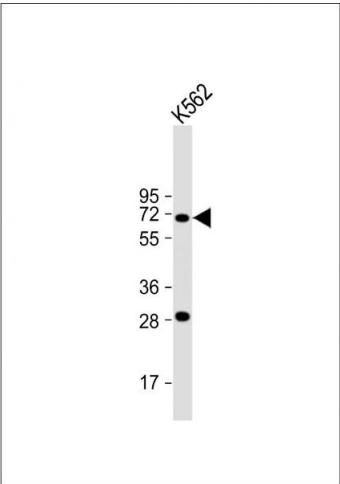
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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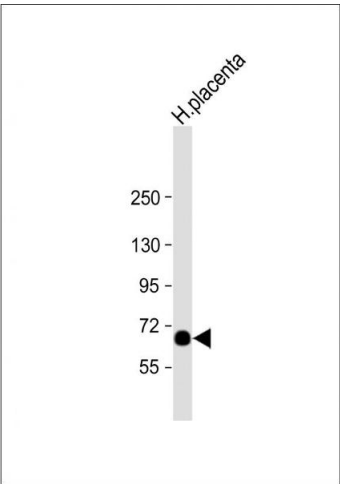
Storage:	4 °C,-20 °C
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Expiry Date:	6 months
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Western Blotting

Image 1. Anti-STT3A Antibody (Center) at 1:2000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 81 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. Anti-STT3A Antibody (Center) at 1:2000 dilution + human placenta lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 81 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.