

## anti- STT3A antibody

### Product Information

Catalog No.:	FNab08355
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Catalytic subunit of the N-oligosaccharyltransferase(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.

### Immunogen information

Immunogen:	STT3, subunit of the oligosaccharyltransferase complex, homolog A
Synonyms:	B5, Integral membrane protein 1, ITM1, STT3 A, STT3A, TMC, Transmembrane protein TMC
Observed MW:	100 kDa
UniprotID :	P46977

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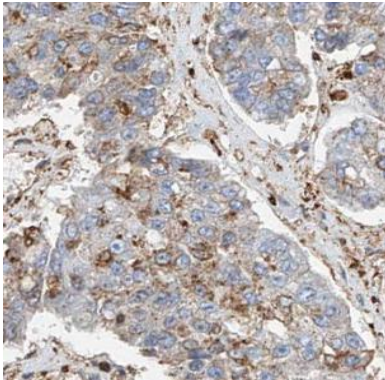
## Application

Reactivity: Human, Mouse, Rat

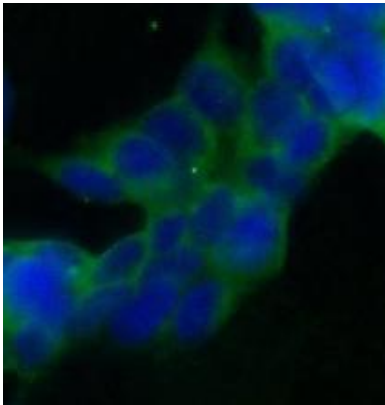
Tested Application: ELISA, IHC, WB, IF

Recommended dilution: WB: 1:1000-1:5000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab08355(STT3A antibody) at dilution of 1:50



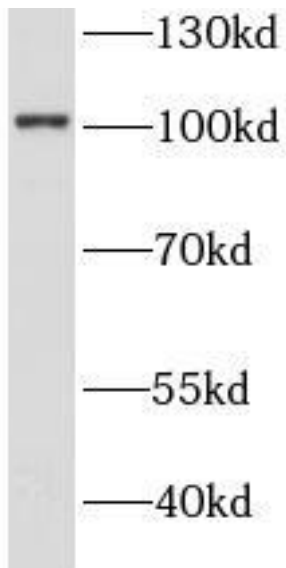
Immunofluorescent analysis of HEK-293 cells using FNab08355 (STT3A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)

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HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab08355(STT3A Antibody) at dilution of 1:2000