

IHCeasy[®] STT3B Ready-To-Use IHC Kit

Catalog Number: **KHC3302**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Mouse Monoclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL × 2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

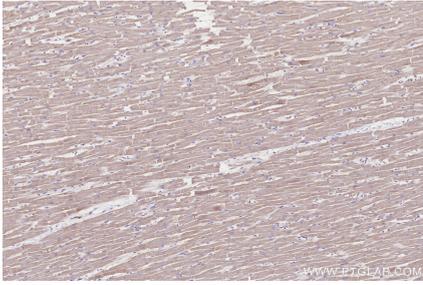
Background

STT3B is a component of the N-oligosaccharyl transferase (OST) enzyme 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). STT3B seems to be involved in complex substrate specificity.

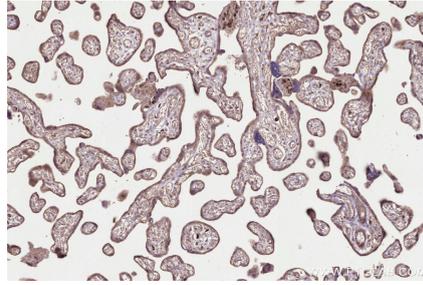
Synonyms

Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B, EC:2.4.99.18, SIMP, Source of immunodominant MHC-associated peptides homolog, STT

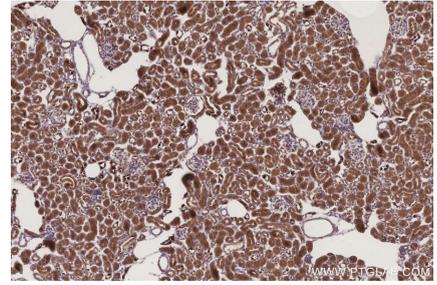
Selected Validation Data



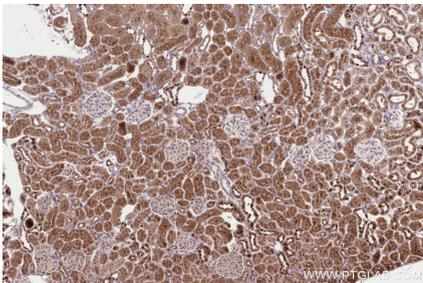
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using KHC3302 (STT3B IHC Kit).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3302 (STT3B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3302 (STT3B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3302 (STT3B IHC Kit).