

Nur für Forschungszwecke

# STT3A Polyklonaler Antikörper

Katalog-Nr.:12034-1-AP

Vorgestelltes Produkt

16 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12034-1-AP	<b>GenBank-Zugangsnummer:</b> BC020965	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 3703	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:1000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 705 aa, 81 kDa	
<b>Immunogen Katalognummer:</b> AG2698	<b>Beobachtete Masse:</b> 65-100 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : HepG2-Zellen, K-562-Zellen
<b>In Publikationen genannte Anwendungen:</b> CoIP, IF, IHC, IP, WB	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Human, Maus, Ratte	

## Hintergrundinformationen

STT3A, also named as Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A, is a 705 amino acid protein, which belongs to the STT3 family. STT3A is expressed at high levels in placenta, liver, muscle and pancreas, and at very low levels in brain, lung and kidney. STT3A is a 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). STT3A 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 post-translational glycosylation and mediate glycosylation of sites that have been skipped by STT3A.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xinxin Song	32938586	Cancer Discov	WB,IF,IP
Shih-Han Wang	36381324	Am J Cancer Res	
Cecilia Lopez-Sambrooks	27694802	Nat Chem Biol	WB

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

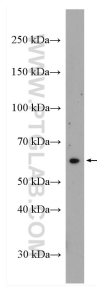
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Ausgewählte Validierungsdaten



HepG2 cells were subjected to SDS PAGE followed by western blot with 12034-1-AP (STT3A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.