

OSTC Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11184**Specification**

OSTC Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	Q9NRP0
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17kDa KDa

OSTC Antibody (N-Terminus) - Additional Information**Gene ID** 58505**Other Names**

Oligosaccharyltransferase complex subunit OSTC, Hydrophobic protein HSF-28, OSTC

Target/Specificity

Human OSTC. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

OSTC Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

OSTC Antibody (N-Terminus) - Protein Information**Name** OSTC ([HGNC:24448](#))**Function**

Subunit of STT3A-containing oligosaccharyl transferase (OST- A) complex that catalyzes the initial transfer of a defined glycan (Glc(3)Man(9)GlcNAc(2) in eukaryotes) from the lipid carrier dolichol-pyrophosphate to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains, the first step in protein N-glycosylation (PubMed:28860277, PubMed:31831667, PubMed:39509507).

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) (PubMed:28860277, PubMed:31831667, PubMed:39509507).

target="_blank">39509507). Within the OST-A complex, acts as an adapter that anchors the OST-A complex to the Sec61 complex (PubMed:28860277). May be involved in N-glycosylation of APP (amyloid-beta precursor protein) (PubMed:21768116). Can modulate gamma-secretase cleavage of APP by enhancing endoproteolysis of PSEN1 (PubMed:21768116).

Cellular Location

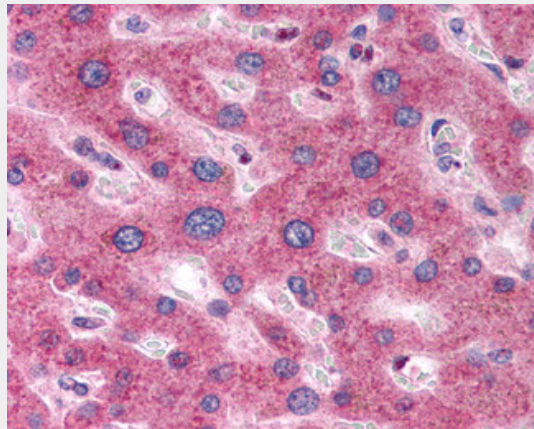
Endoplasmic reticulum. Membrane; Multi-pass membrane protein

OSTC Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OSTC Antibody (N-Terminus) - Images



Anti-OSTC antibody ALS11184 IHC of human liver.

OSTC Antibody (N-Terminus) - References

Favier A.-L., et al. Submitted (JAN-2001) to the EMBL/GenBank/DDBJ databases.
Zhao Z., et al. Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Ye M., et al. Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
Peng Y., et al. Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.
Brandenberger R., et al. Nat. Biotechnol. 22:707-716(2004).