

OSTC Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12431b**Specification**

OSTC Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9NRP0
Other Accession	B0K025 , Q78XF5 , Q7ZWJ3 , Q5ZJR3 , Q2KID7 , Q5M9B7 , NP_067050.1
Reactivity	Mouse
Predicted	Xenopus, Bovine, Chicken, Zebrafish, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	16829
Antigen Region	90-117

OSTC Antibody (C-term) - Additional Information**Gene ID** 58505**Other Names**

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

Target/Specificity

This OSTC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-117 amino acids from the C-terminal region of human OSTC.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

OSTC Antibody (C-term) - Protein Information**Name** OSTC ([HGNC:24448](#))

Function Specific component of the STT3A-containing form of the oligosaccharyl transferase (OST) 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:[31831667](#)). 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). All subunits are required for a maximal enzyme activity. May be involved in N-glycosylation of APP (amyloid-beta precursor protein). Can modulate gamma-secretase cleavage of APP by enhancing endoproteolysis of PSEN1.

Cellular Location

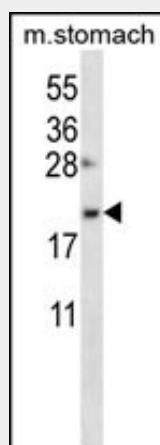
Endoplasmic reticulum. Membrane; Multi-pass membrane protein

OSTC Antibody (C-term) - 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 (C-term) - Images



OSTC Antibody (C-term) (Cat. #AP12431b) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the OSTC antibody detected the OSTC protein (arrow).

OSTC Antibody (C-term) - References

Kalsi, G., et al. Hum. Mol. Genet. 19(12):2497-2506(2010)
Shibatani, T., et al. Biochemistry 44(16):5982-5992(2005)