

OST4 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15258**Specification**

OST4 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	POC6T2
Other Accession	NM_001134693 , NP_001128165
Reactivity	Human, Mouse, Rat, Dog
Predicted	Human, Mouse, Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	4kDa KDa

OST4 Antibody - C-terminal region - Additional Information**Gene ID** 100128731**Alias Symbol** **DKFZp586A0722****Other Names**

Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 4, OST4

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-OST4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

OST4 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

OST4 Antibody - C-terminal region - Protein Information**Name** OST4 ([HGNC:32483](#))**Function**

Subunit 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. Specifically involved in maintaining stability of STT3A-containing OST complexes.

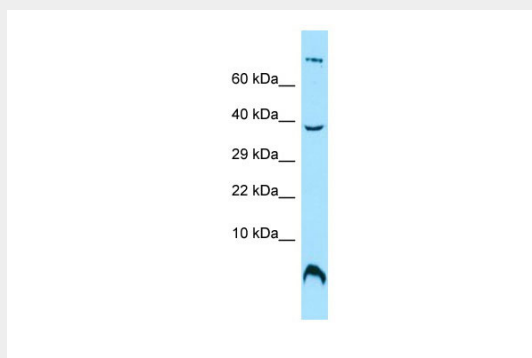
Cellular Location

Endoplasmic reticulum. Endoplasmic reticulum membrane; Single- pass type III membrane protein.
Note=The single transmembrane helix has a kink in the middle of the transmembrane span

OST4 Antibody - C-terminal region - 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](#)

OST4 Antibody - C-terminal region - Images

WB Suggested Anti-OST4 Antibody Titration: 1.0 µg/ml

Positive Control: MCF7 Whole Cell

OST4 Antibody - C-terminal region - References

Hillier L.W., et al. Nature 434:724-731(2005).
Gayen S., et al. Biochem. Biophys. Res. Commun. 409:572-576(2011).