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

Specification

OST4 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P0C6T2
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.

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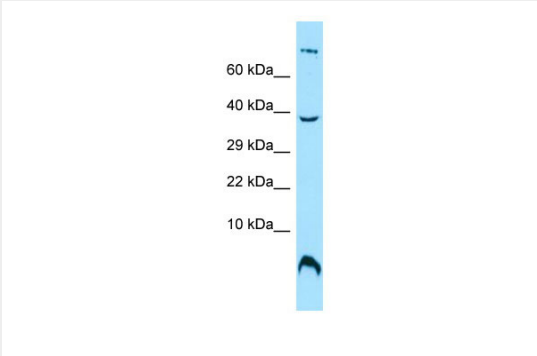
Cellular Location
Endoplasmic reticulum. Endoplasmic reticulum membrane; Single- pass type III membrane protein. Note=The single transmembrane helix has a kink in the middle of the transmembrane span

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 Cytomety
- 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).