

**OSTC Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56736****Specification**

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**OSTC Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q9NRP0</a>
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16829

**OSTC Polyclonal Antibody - Additional Information****Gene ID** 58505**Other Names**

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

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**OSTC Polyclonal Antibody - 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:<a href="http://www.uniprot.org/citations/28860277" target="\_blank">28860277</a>, PubMed:<a href="http://www.uniprot.org/citations/31831667" target="\_blank">31831667</a>, PubMed:<a href="http://www.uniprot.org/citations/39509507" target="\_blank">39509507</a>).

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:<a href="http://www.uniprot.org/citations/28860277" target="\_blank">28860277</a>, PubMed:<a href="http://www.uniprot.org/citations/31831667" target="\_blank">31831667</a>, PubMed:<a href="http://www.uniprot.org/citations/39509507" target="\_blank">39509507</a>). Within the OST-A complex, acts as an adapter that anchors the OST-A complex to the Sec61 complex (PubMed:<a href="http://www.uniprot.org/citations/28860277" target="\_blank">28860277</a>). May be involved in N-glycosylation of APP (amyloid-beta precursor protein) (PubMed:<a href="http://www.uniprot.org/citations/28860277" target="\_blank">28860277</a>).

href="http://www.uniprot.org/citations/21768116" target="\_blank">21768116</a>). Can modulate gamma-secretase cleavage of APP by enhancing endoproteolysis of PSEN1 (PubMed:<a href="http://www.uniprot.org/citations/21768116" target="\_blank">21768116</a>).

**Cellular Location**

Endoplasmic reticulum. Membrane; Multi-pass membrane protein

**OSTC Polyclonal Antibody - 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 Polyclonal Antibody - Images**