

OSTC Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56736

Specification

OSTC Polyclonal Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

IHC-P, IHC-F, IF, ICC

O9NRPO
Rat, Pig, Dog
Rabbit
Polyclonal
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

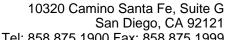
Name OSTC (HGNC:24448)

Function

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 endoprotelysis of PSEN1.

Cellular Location

Endoplasmic reticulum. Membrane; Multi-pass membrane protein





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OSTC Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

OSTC Polyclonal Antibody - Images