

Datasheet for ABIN7269094
anti-OSTC antibody (C-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µL |
| Target: | OSTC |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OSTC antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|--|
| Purpose: | OSTC Rabbit pAb |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 50 to the C-terminus of human OSTC (NP_067050.1). |
| Sequence: | YDVIVEPPSV GSMTDEHGHQ RPVAFLAYRV NGQYIMEGLA SSFLFTMGGL GFIILDRSNA PNIPKLNRFLLFIGFVCVL LSFFMARVFM RMKLPGYLMG |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

Target Details

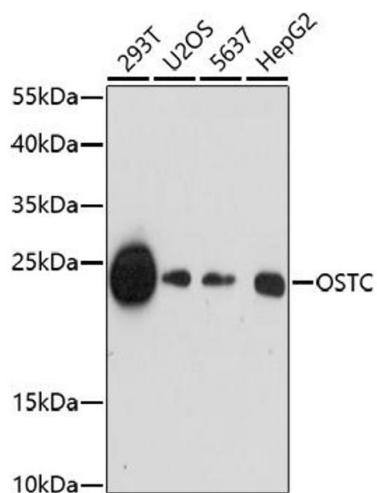
| | |
|-------------------|--|
| Target: | OSTC |
| Alternative Name: | OSTC (OSTC Products) |
| Background: | <p>Subunit of the oligosaccharyl transferase (OST complex that catalyzes the initial transfer of a defined glycan (Glc(3Man(9GlcNAc(2 in eukaryotes from the lipid carrier dolichol-pyrophosphate to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains, the first step in protein N-glycosylation. 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.,OSTC,DC2,Signal Transduction,Endocrine & Metabolism,OSTC</p> |
| Gene ID: | 58505 |
| UniProt: | Q9NRP0 |

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using OSTC antibody (ABIN7269094) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3 min.