

KTAP2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11178b**Specification**

KTAP2 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q8N6L1](#)**KTAP2 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 200185**Other Names**

Keratinocyte-associated protein 2, KCP-2, KRTCAP2, KCP2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KTAP2 Antibody (C-term) Blocking peptide - Protein Information**Name** KRTCAP2**Synonyms** KCP2**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. 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 (PubMed:22467853). May be involved in N-glycosylation of APP (amyloid-beta precursor protein). Can modulate gamma-secretase cleavage of APP by enhancing endoproteolysis of PSEN1 (PubMed:21768116).

Cellular Location

Endoplasmic reticulum. Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Expressed in skin, heart, placental, liver, skeletal muscle, kidney, pancreas, keratinocytes and dermal fibroblasts.

KTAP2 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KTAP2 Antibody (C-term) Blocking peptide - Images

KTAP2 Antibody (C-term) Blocking peptide - Background

E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates, such as UCKL1. Involved in the cytolytic activity of natural killer cells and cytotoxic T-cells.

KTAP2 Antibody (C-term) Blocking peptide - References

Shibatani, T., et al. Biochemistry 44(16):5982-5992(2005) Bonkobara, M., et al. Br. J. Dermatol. 148(4):654-664(2003)