

QTRTD1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11696b**Specification**

QTRTD1 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9H974](#)**QTRTD1 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 79691**Other Names**

Queuine tRNA-ribosyltransferase subunit QTRTD1 {ECO:0000255|HAMAP-Rule:MF_03043}, 24229 {ECO:0000255|HAMAP-Rule:MF_03043}, Queuine tRNA-ribosyltransferase domain-containing protein 1 {ECO:0000255|HAMAP-Rule:MF_03043}, QTRTD1 {ECO:0000255|HAMAP-Rule:MF_03043}

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.

QTRTD1 Antibody (C-term) Blocking peptide - Protein Information**Name** QTRT2 {ECO:0000255|HAMAP-Rule:MF_03043}**Synonyms** QTRTD1**Function**

Non-catalytic subunit of the queuine tRNA-ribosyltransferase (TGT) that catalyzes the base-exchange of a guanine (G) residue with queuine (Q) at position 34 (anticodon wobble position) in tRNAs with GU(N) anticodons (tRNA-Asp, -Asn, -His and -Tyr), resulting in the hypermodified nucleoside queuosine (7-(((4,5-cis-dihydroxy-2-cyclopenten-1-yl)amino)methyl)-7-deazaguanosine).

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03043}. Mitochondrion outer membrane {ECO:0000255|HAMAP-Rule:MF_03043}; Peripheral membrane protein {ECO:0000255|HAMAP-Rule:MF_03043}; Cytoplasmic side {ECO:0000255|HAMAP-Rule:MF_03043}. Note=May associate with the mitochondrion outer membrane. {ECO:0000255|HAMAP-Rule:MF_03043}

QTRTD1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

QTRTD1 Antibody (C-term) Blocking peptide - Images

QTRTD1 Antibody (C-term) Blocking peptide - Background

This gene is a member of the Ras association domain family. It functions as a tumor suppressor, and is inactivated in a variety of cancers. The encoded protein localizes to centrosomes and microtubules, and associates with the GTP-activated forms of Ras, Rap1, and several other Ras-like small GTPases. The protein regulates lymphocyte adhesion and suppresses cell growth in response to activated Rap1 or Ras. Multiple transcript variants encoding different isoforms have been found for this gene.

QTRTD1 Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press :Bee, C., et al. J. Biol. Chem. 285(21):16258-16266(2010)Raab, M., et al. Immunity 32(4):541-556(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)