

TMTC2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9252b**Specification**

TMTC2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8N394](#)**TMTC2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 160335**Other Names**

Transmembrane and TPR repeat-containing protein 2, TMTC2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9252b](/products/AP9252b) was selected from the C-term region of human TMTC2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

TMTC2 Antibody (C-term) Blocking Peptide - Protein Information**Name** TMTC2 ([HGNC:25440](#))**Function**

Transfers mannosyl residues to the hydroxyl group of serine or threonine residues. The 4 members of the TMTC family are O-mannosyl- transferases dedicated primarily to the cadherin superfamily, each member seems to have a distinct role in decorating the cadherin domains with O-linked mannose glycans at specific regions. Also acts as O- mannosyl-transferase on other proteins such as PDIA3.

Cellular Location

Membrane; Multi-pass membrane protein. Endoplasmic reticulum

TMTC2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TMTC2 Antibody (C-term) Blocking Peptide - Images

TMTC2 Antibody (C-term) Blocking Peptide - References

Nakano,M., et.al, Proc. Natl. Acad. Sci. U.S.A. 106 (31), 12838-12842 (2009) Mole,D.R., et.al, J. Biol. Chem. 284 (25), 16767-16775 (2009)