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TMTC4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13825a

Specification

TMTC4 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q5T4D3

TMTC4 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 84899

Other Names
Transmembrane and TPR repeat-containing protein 4, TMTC4

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13825a was selected from the N-term region of TMTC4. 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.

TMTC4 Antibody (N-term) Blocking peptide - Protein Information

Name TMTC4 (HGNC:25904)

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

TMTC4 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

TMTC4 Antibody (N-term) Blocking peptide - Images

TMTC4 Antibody (N-term) Blocking peptide - Background

TMTC4 belongs to the TMTC family. Its exact function remains unknown.

TMTC4 Antibody (N-term) Blocking peptide - References

Tao, W.A., et al. Nat. Methods 2(8):591-598(2005)Rual, J.F., et al. Genome Res. 14 (10B), 2128-2135 (2004) :Dunham, A., et al. Nature 428(6982):522-528(2004)Christian, S.L., et al. Genomics 79(5):635-656(2002)