

TMTC4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13825a**Specification**

TMTC4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q5T4D3
Other Accession	NP_001073137.1 , NP_116202.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	82991
Antigen Region	175-204

TMTC4 Antibody (N-term) - Additional Information**Gene ID** 84899**Other Names**

Transmembrane and TPR repeat-containing protein 4, TMTC4

Target/Specificity

This TMTC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 175-204 amino acids from the N-terminal region of human TMTC4.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TMTC4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TMTC4 Antibody (N-term) - 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

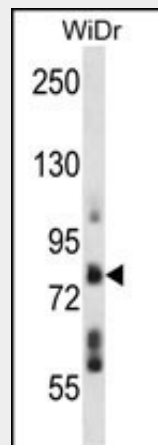
Membrane; Multi-pass membrane protein. Endoplasmic reticulum

TMTC4 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TMTC4 Antibody (N-term) - Images



TMTC4 Antibody (N-term) (Cat. #AP13825a) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the TMTC4 antibody detected the TMTC4 protein (arrow).

TMTC4 Antibody (N-term) - Background

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

TMTC4 Antibody (N-term) - 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)