

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

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**TMTC4 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q5T4D3</a>
Other Accession	<a href="#">NP_001073137.1</a> , <a href="#">NP_116202.2</a>
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

**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

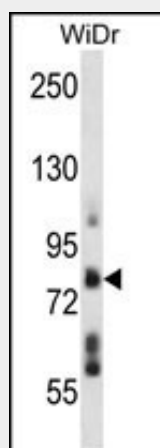
Membrane; Multi-pass membrane protein. Endoplasmic reticulum

#### 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)