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TMTC1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12987

Specification

TMTC1 antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q8IUR5
Other Accession	NM_175861, NP_787057
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**87kDa KDa**

TMTC1 antibody - middle region - Additional Information

Gene ID 83857

Alias Symbol **ARG99, FLJ31400, FLJ41625, OLF, TMTC1A**

Other Names
Transmembrane and TPR repeat-containing protein 1, TMTC1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-TMTC1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
TMTC1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

TMTC1 antibody - middle region - Protein Information

Name TMTC1 (HGNC:24099)

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

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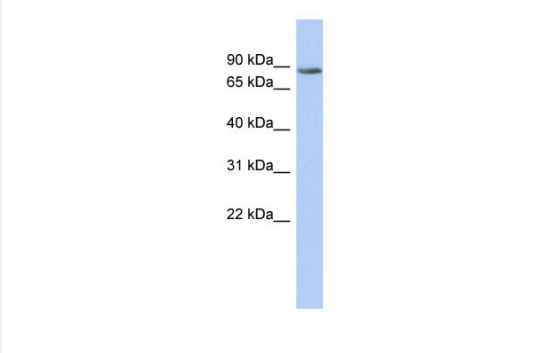
Membrane; Multi-pass membrane protein. Endoplasmic reticulum

TMTC1 antibody - middle region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TMTC1 antibody - middle region - Images



WB Suggested Anti-TMTC1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Spleen

TMTC1 antibody - middle region - References

Shen M.Q.,et al.Submitted (SEP-2009) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Yanqiu Z.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.
Mishra M.,et al.FEBS Lett. 586:3018-3023(2012).