

TMTC1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12986

Product Information

Application	WB
Primary Accession	Q8IUR5
Other Accession	NM_175861 , NP_787057
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	98847

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.

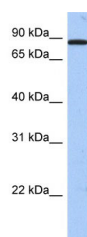
Protein Information

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	Membrane; Multi-pass membrane protein. Endoplasmic reticulum

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).

Images



WB Suggested Anti-TMTC1 Antibody Titration: 0.2-1 µg/ml
Positive Control: Human heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.