10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Tmed1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12712

Specification

Tmed1 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q5BK85
Other Accession	NM_001013432, NP_001013450
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**25kDa KDa**

Tmed1 antibody - N-terminal region - Additional Information

Gene ID 315461

Alias Symbol	**Il1rl1l, MGC108769, Tmed1**

Other Names
Transmembrane emp24 domain-containing protein 1, Interleukin-1 receptor-like 1 ligand, p24 family protein gamma-1, p24gamma1, Tmed1, Il1rl1l

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-Tmed1 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
Tmed1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Tmed1 antibody - N-terminal region - Protein Information

Name Tmed1

Synonyms Il1rl1l

Function
Potential role in vesicular protein trafficking, mainly in the early secretory pathway. May act as a cargo receptor at the lumenal side for incorporation of secretory cargo molecules into transport vesicles and may be involved in vesicle coat formation at the cytoplasmic side. Plays a positive role in IL-33-mediated IL-8 and IL-6 production by interacting with interleukin-33 receptor IL1RL1.

Plays also a role in the modulation of innate immune signaling through the cGAS-STING pathway by interacting with RNF26.

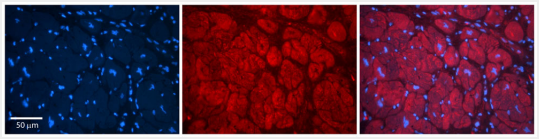
Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q13445}; Single-pass type I membrane protein. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q13445}; Single-pass type I membrane protein. Golgi apparatus, cis-Golgi network membrane {ECO:0000250|UniProtKB:Q13445}; Single-pass type I membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane {ECO:0000250|UniProtKB:Q13445}; Single-pass type I membrane protein

Tmed1 antibody - N-terminal region - Protocols

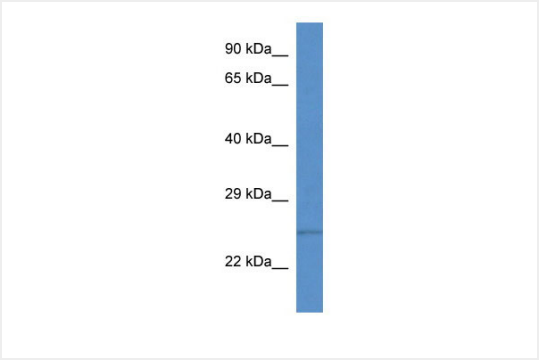
Provided below are standard protocols that you may find useful for product applications.

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

Tmed1 antibody - N-terminal region - Images



Rabbit Anti-Tmed1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart Observed Staining: Cytoplasmic (resembles Golgi)
Primary Antibody
Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 â€“ 2.0 sec
Protocol located in Reviews and Data.



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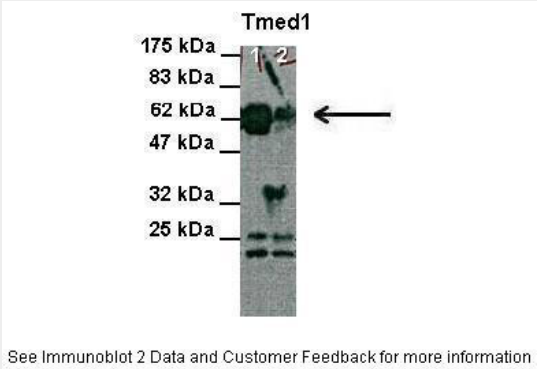
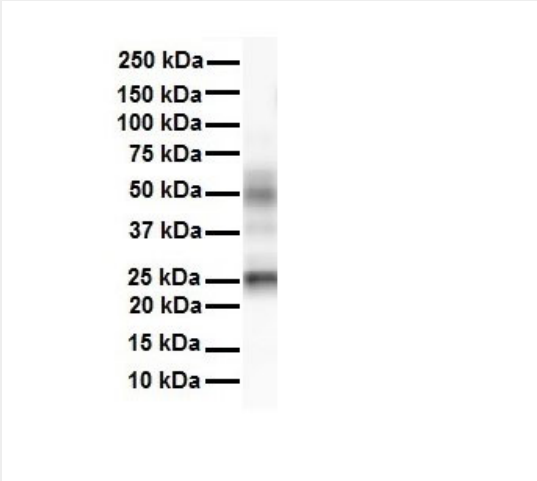
WB Suggested Anti-Tmed1 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Lung



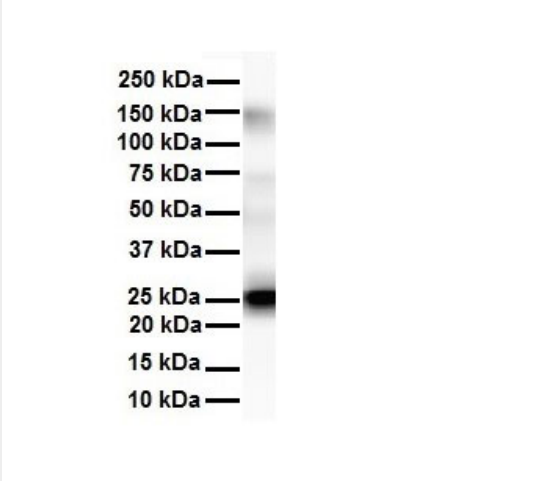
See Immunoblot 2 Data and Customer Feedback for more information

Lanes: Lane 1 and 2: 30 ug HEK-293 cell lysate

Primary Antibody Dilution: 1:1000
Secondary Antibody: Anti-Rabbit HRP
Secondary Antibody Dilution: 1:2000
Gene Name: Tmed1
Submitted by: Anonymous



WB Suggested Anti-Tmed1 antibody Titration: 1 µg/ml
Sample Type: Human heart



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WB Suggested Anti-Tmed1 antibody Titration: 1 µg/ml
Sample Type: Human liver