

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

Tmed1 antibody - N-terminal region - Product Information

Application	IHC, 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** **IL1RL1, MGC108769, Tmed1****Other Names**

Transmembrane emp24 domain-containing protein 1, Interleukin-1 receptor-like 1 ligand, p24 family protein gamma-1, p24gamma1, Tmed1, IL1RL1

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** IL1RL1**Function**

Potential role in vesicular protein trafficking, mainly in the early secretory pathway. May act as a cargo receptor at the luminal 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

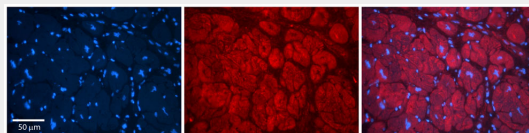
Cell membrane {ECO:0000250|UniProtKB:Q13445}; Single-pass type I membrane protein. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q13445}; Single-pass type I membrane protein. Golgi apparatus, cis-Golgi network membrane {ECO:0000250|UniProtKB:Q13445}; Single-pass type I membrane protein. Endoplasmic 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 Cytometry](#)
- [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

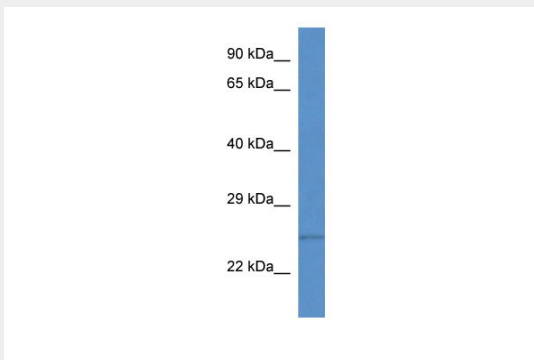
Secondary Antibody

Concentration: 1:200

Magnification: 20X

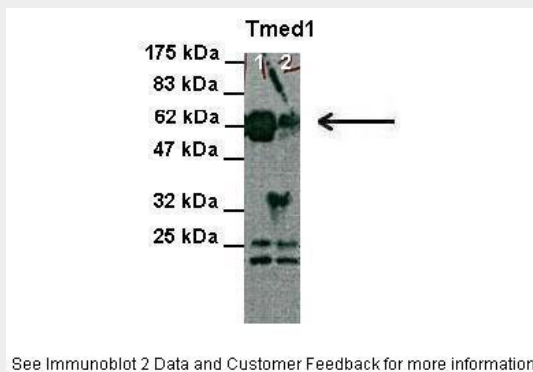
Exposure Time: 0.5 – 2.0 sec

Protocol located in Reviews and Data.



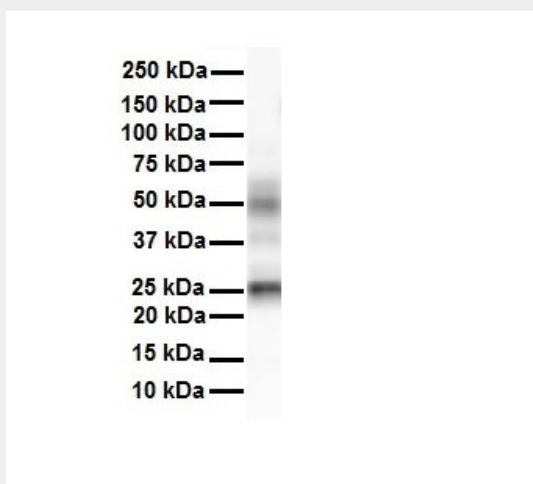
90 kDa
65 kDa
40 kDa
29 kDa
22 kDa

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

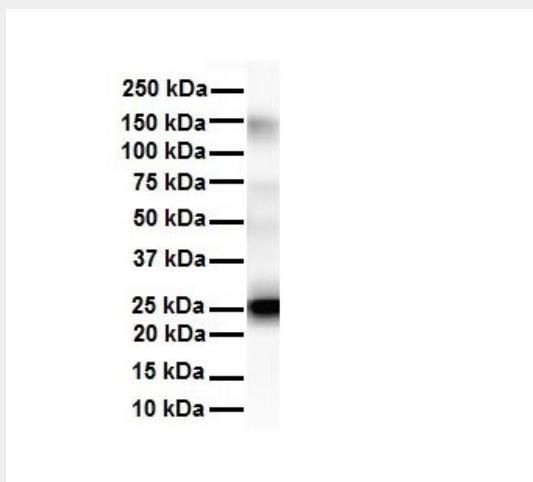


Lanes: Lane 1 and 2: 30 ug HEK-293 cell lysate

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



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