

Tmem147 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13126**Specification****Tmem147 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	Q2TA63
Other Accession	NM_001038494 , NP_001033583
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rabbit, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 24kDa KDa

Tmem147 antibody - N-terminal region - Additional Information**Gene ID** 292792**Alias Symbol** **MGC125231, RGD1304706**
Other Names
Transmembrane protein 147, Tmem147**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-Tmem147 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

Tmem147 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Tmem147 antibody - N-terminal region - Protein Information**Name** Tmem147 {ECO:0000312|RGD:1304706}**Function**

Component of the multi-pass translocon (MPT) complex that mediates insertion of multi-pass membrane proteins into the lipid bilayer of membranes. The MPT complex takes over after the SEC61 complex: following membrane insertion of the first few transmembrane segments of proteins by the SEC61 complex, the MPT complex occludes the lateral gate of the SEC61 complex to promote insertion of subsequent transmembrane regions. Also acts as a negative regulator of CHRM3 function, most likely by interfering with its trafficking to the cell membrane. Negatively regulates CHRM3-mediated calcium mobilization and activation of RPS6KA1/p90RSK activity. Regulates LBR localization to the nucleus inner membrane.

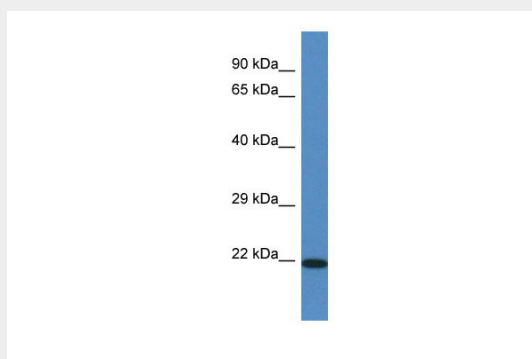
Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9BVK8}; Multi-pass membrane protein. Nucleus membrane {ECO:0000250|UniProtKB:Q9BVK8}; Multi-pass membrane protein. Cell membrane {ECO:0000250|UniProtKB:I6VSD2}; Multi-pass membrane protein

Tmem147 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](#)

Tmem147 antibody - N-terminal region - Images

WB Suggested Anti-Tmem147 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Brain