

TMEM147 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS15867**Specification**

TMEM147 Antibody (Internal) - Product Information

Application	WB
Primary Accession	Q9BVK8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa KDa

TMEM147 Antibody (Internal) - Additional Information**Gene ID** 10430**Other Names**

Transmembrane protein 147, Protein NIFIE 14, TMEM147

Target/Specificity

Human TMEM147.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TMEM147 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM147 Antibody (Internal) - Protein Information**Name** TMEM147 {ECO:0000303|PubMed:20538592, ECO:0000312|HGNC:HGNC:30414}**Function**

Component of the multi-pass translocon (MPT) complex that mediates insertion of multi-pass membrane proteins into the lipid bilayer of membranes (PubMed:32820719, PubMed:36261522). 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 (PubMed:36261522). Also acts as a negative regulator of CHRM3 function, most likely by interfering with its trafficking to the cell membrane (PubMed:21056967). Negatively regulates CHRM3-mediated calcium mobilization and activation of RPS6KA1/p90RSK activity (PubMed:21056967). Regulates

LBR localization to the nucleus inner membrane (PubMed:32694168).

Cellular Location

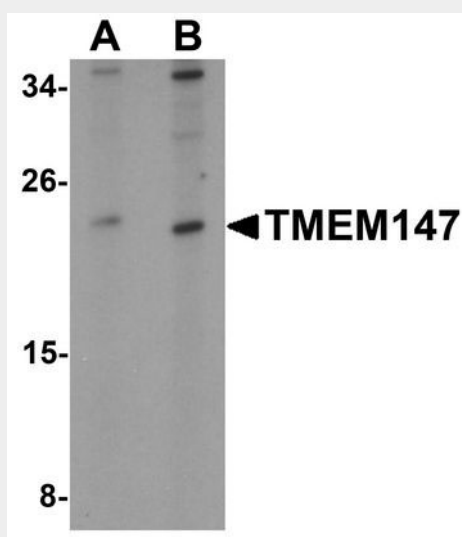
Endoplasmic reticulum membrane; Multi-pass membrane protein. Nucleus membrane; Multi-pass membrane protein. Cell membrane {ECO:0000250|UniProtKB:I6VSD2}; Multi-pass membrane protein

TMEM147 Antibody (Internal) - 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 (Internal) - Images



Western blot analysis of TMEM147 in Daudi cell lysate with TMEM147 antibody at (A) 1 and (B) 2...

TMEM147 Antibody (Internal) - References

Daniell S.J., et al. Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Grimwood J., et al. Nature 428:529-535(2004).
Dettmer U., et al. J. Biol. Chem. 285:26174-26181(2010).