

Tmem165 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13014**Specification**

Tmem165 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P52875
Other Accession	NM_011626 , NP_035756
Reactivity	Human, Mouse, Rat, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa kDa

Tmem165 Antibody - N-terminal region - Additional Information**Gene ID** 21982**Alias Symbol** AV026557, Tpardl, Tparl, pFT27**Other Names**

Transmembrane protein 165, TPA-regulated locus protein, Transmembrane protein PFT27, Transmembrane protein TPARG, Tmem165, Tparl

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-Tmem165 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

Tmem165 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Tmem165 Antibody - N-terminal region - Protein Information**Name** Tmem165 {ECO:0000303|PubMed:30622138, ECO:0000312|MGI:MGI:894407}**Function**

Putative divalent cation:proton antiporter that exchanges calcium or manganese ions for protons across the Golgi membrane. Mediates the reversible transport of calcium or manganese to the Golgi lumen driven by the proton gradient and possibly the membrane potential generated by V-ATPase. Provides calcium or manganese cofactors to resident Golgi enzymes and contributes to the maintenance of an acidic luminal Golgi pH required for proper functioning of the secretory pathway (By similarity). Promotes Ca(2+) storage within the Golgi lumen of the mammary

epithelial cells to be then secreted into milk (PubMed:30622138). The transport mechanism and stoichiometry remains to be elucidated (By similarity).

Cellular Location

Golgi apparatus membrane; Multi-pass membrane protein

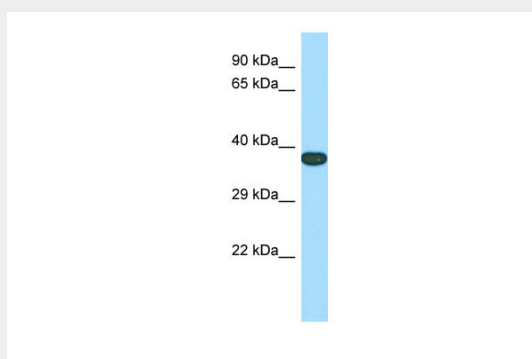
Tissue Location

Expressed in mammary epithelial cells (at protein level).

Tmem165 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](#)

Tmem165 Antibody - N-terminal region - Images

Host: Rabbit

Target Name: Tmem165

Sample Tissue: Mouse Stomach lysates

Antibody Dilution: 1.0µg/ml

Tmem165 Antibody - N-terminal region - References

Akagi J., et al. Biochem. Biophys. Res. Commun. 157:548-557(1988).
Wilsbacher L.D., et al. Genome Res. 10:1928-1940(2000).