

TMEM110 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13873**Specification****TMEM110 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	Q86TL2
Other Accession	NM_198563 , NP_940965
Reactivity	Human, Rat, Rabbit
Predicted	Human, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa KDa

TMEM110 antibody - N-terminal region - Additional Information**Gene ID** 375346**Alias Symbol** **DKFZp667E1121, MGC52022****Other Names**

Transmembrane protein 110, TMEM110

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-TMEM110 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

TMEM110 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM110 antibody - N-terminal region - Protein Information**Name** STIMATE ([HGNC:30526](#))**Function**

Acts as a regulator of store-operated Ca^{2+} entry (SOCE) at junctional sites that connect the endoplasmic reticulum (ER) and plasma membrane (PM), called ER-plasma membrane (ER-PM) junction or cortical ER (PubMed: <http://www.uniprot.org/citations/26322679> target="_blank">26322679, PubMed: <http://www.uniprot.org/citations/26644574> target="_blank">26644574). SOCE is a Ca^{2+} influx following depletion of intracellular Ca^{2+} stores (PubMed: <http://www.uniprot.org/citations/26322679> target="_blank">26322679). Acts by interacting with STIM1, promoting STIM1 conformational switch (PubMed: <http://www.uniprot.org/citations/26322679> target="_blank">26322679). Involved in STIM1 relocalization to ER-PM junctions (PubMed: <http://www.uniprot.org/citations/26322679> target="_blank">26322679).

<http://www.uniprot.org/citations/26644574> target="_blank">26644574). Contributes to the maintenance and reorganization of store-dependent ER-PM junctions (PubMed:http://www.uniprot.org/citations/26644574 target="_blank">26644574).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Colocalizes with STIM1 at ER-plasma membrane (ER-PM) junctions, also called cortical endoplasmic reticulum (ER), in store-depleted calcium cells (PubMed:26644574). May translocate to ER-PM junctions in a STIM1-dependent manner in store- depleted cells (Probable).

Tissue Location

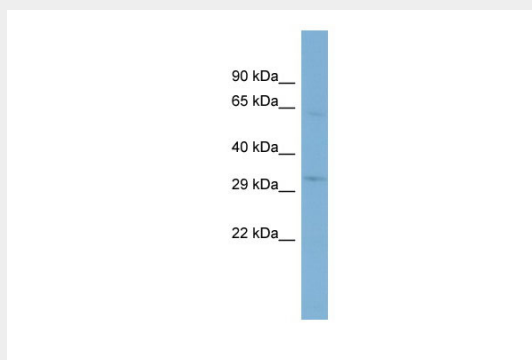
Widely expressed..

TMEM110 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](#)

TMEM110 antibody - N-terminal region - Images



WB Suggested Anti-TMEM110 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: 721_B cell lysate

TMEM110 is supported by BioGPS gene expression data to be expressed in 721_B