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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:26322679, PubMed:26644574). SOCE is a Ca(2+) influx following depletion of intracellular Ca(2+) stores (PubMed:26322679). Acts by interacting with STIM1, promoting STIM1 conformational switch (PubMed:26322679). Involved in STIM1 relocalization to ER-PM junctions (PubMed:<a

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

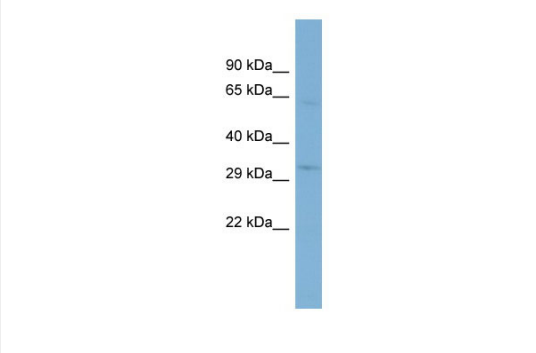
Tissue Location
Widely expressed..

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 Cytomety
- 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