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TMEM110 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13873

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	33187

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.

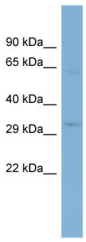
Protein Information

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: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..

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.