

Tmem110 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13874

Product Information

Application	WB
Primary Accession	Q3UF25
Other Accession	NM_198774 , NP_942069
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32500

Additional Information

Gene ID	69179
Alias Symbol	MGC108529, Tmem110
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 - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Stimate {ECO:0000250 UniProtKB:Q86TL2}
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. SOCE is a Ca(2+) influx following depletion of intracellular Ca(2+) stores. Acts by interacting with STIM1, promoting STIM1 conformational switch. Involved in STIM1 relocalization to ER-PM junctions. Contributes to the maintenance and reorganization of store-dependent ER-PM junctions.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:Q86TL2}; Multi-pass membrane protein {ECO:0000250 UniProtKB:Q86TL2}. Note=Colocalizes with STIM1 at ER- plasma membrane (ER-PM) junctions, also

called cortical endoplasmic reticulum (ER), in store-depleted calcium cells. May translocate to ER- PM junctions in a STIM1-dependent manner in store-depleted cells {ECO:0000250 | UniProtKB:Q86TL2}

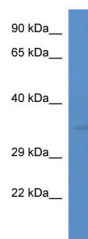
Tissue Location

Widely expressed..

References

Carninci P.,et al.Science 309:1559-1563(2005).

Images



WB Suggested Anti-Tmem110 Antibody Titration: 1.0
µg/ml
Positive Control: Rat Liver

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