

TMCC1 Rabbit pAb

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Catalog # AP57725

Product Information

Application	WB
Primary Accession	O94876
Reactivity	Mouse
Predicted	Rat, Dog, Human, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	72083
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMCC1
Epitope Specificity	101-200/653
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	23023
Other Names	Transmembrane and coiled-coil domains protein 1, TMCC1 {ECO:0000303 PubMed:24454821, ECO:0000312 HGNC:HGNC:29116}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TMCC1 {ECO:0000303 PubMed:24454821, ECO:0000312 HGNC:HGNC:29116}
Function	Endoplasmic reticulum membrane protein that promotes endoplasmic reticulum-associated endosome fission (PubMed: 30220460). Localizes to contact sites between the endoplasmic reticulum and endosomes and acts by promoting recruitment of the endoplasmic reticulum to endosome tubules for fission (PubMed: 30220460). Endosome membrane fission of early and late

endosomes is essential to separate regions destined for lysosomal degradation from carriers to be recycled to the plasma membrane (PubMed:[30220460](#)).

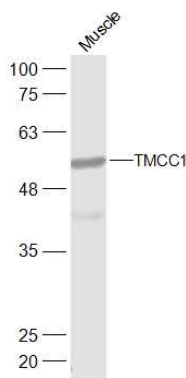
Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein.
Note=Specifically localizes to contact sites between the endoplasmic reticulum and endosomes that are spatially and temporally linked to endosome fission

Background

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Images



Sample:

Muscle (Mouse) Lysate at 40 ug

Primary: Anti-TMCC1 (AP57725) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 72 kD

Observed band size: 53 kD

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