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TMX3 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19606b

Product Information

Application	WB, E
Primary Accession	Q96JJ7
Other Accession	NP_061895.3
Reactivity	Human
Predicted	Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40826
Calculated MW	51872
Antigen Region	402-431

Additional Information

Gene ID	54495
Other Names	Protein disulfide-isomerase TMX3, Thioredoxin domain-containing protein 10, Thioredoxin-related transmembrane protein 3, TMX3, KIAA1830, TXNDC10
Target/Specificity	This TMX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 402-431 amino acids from the C-terminal region of human TMX3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TMX3 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TMX3
Synonyms	KIAA1830, TXNDC10

Function	Probable disulfide isomerase, which participates in the folding of proteins containing disulfide bonds. May act as a dithiol oxidase (PubMed:15623505). Acts as a regulator of endoplasmic reticulum-mitochondria contact sites via its ability to regulate redox signals (PubMed:31304984).
Cellular Location	Endoplasmic reticulum membrane; Single-pass membrane protein
Tissue Location	Widely expressed. Expressed in brain, testis, lung, skin, kidney, uterus, bone, stomach, liver, prostate, placenta, eye and muscle.

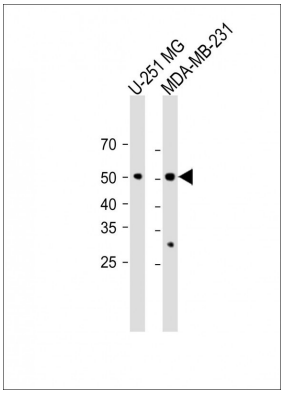
Background

Probable disulfide isomerase, which participates in the folding of proteins containing disulfide bonds. May act as a dithiol oxidase.

References

Chao, R., et al. PLoS ONE 5 (5), E10565 (2010) :
Trynka, G., et al. Gut 58(8):1078-1083(2009)
Haugstetter, J., et al. J. Biol. Chem. 282(46):33859-33867(2007)
Haugstetter, J., et al. J. Biol. Chem. 280(9):8371-8380(2005)

Images



All lanes: Anti-TMX3 Antibody(C-term) at 1:2000 dilution Lane 1: U-251 MG whole cell lysate Lane 2: MDA-MB-231 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 52 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

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