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TMX3 Rabbit pAb

Catalog # AP97991

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q96JJ7
Other Accession	Q96JJ7
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51872
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TMX3
Epitope Specificity	351-450/454
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein disulfide isomerase family. Contains 1 thioredoxin domain.
Post-translational modifications	N-glycosylated.
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	54495
Other Names	PDIA13; TXNDC10; 6430411B10Rik; A730024F05Rik; mKIAA1830; TMX3_HUMAN; TMX3; Thioredoxin domain-containing protein 10; Thioredoxin-related transmembrane protein 3; 5.3.4.1; KIAA1830; TMX3_MOUSE; thioredoxin related transmembrane protein 3; thioredoxin domain containing 10; protein disulfide isomerase family A, member 13
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	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.

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