

Rabbit TMX2 Polyclonal Antibody | anti-TMX2 antibody

TMX2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281747	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

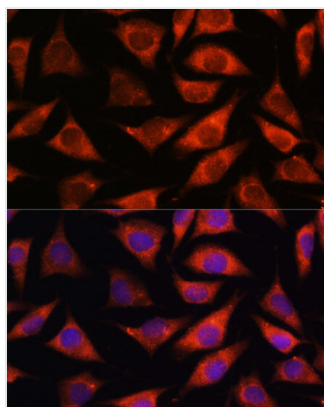
PRODUCT SYNONYMS

TMX2; Polyclonal Antibody; TMX2 Rabbit pAb; CGI-31; PDIA12; PIG26; TXNDC14; anti-TMX2 antibody

PRODUCT SPECIFICATIONS

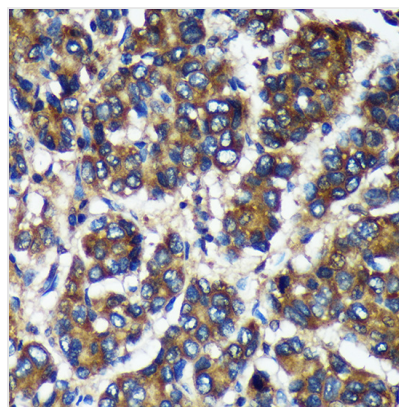
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	KPPLYMGPEY IKYFNDKTID EELERDKRVT WIVEFFANWS NDCQSFAPYI ADLSLKYNCT GLNFGKVDVG RYTDVSTRYK VSTSPLTKQL PTLILFQGGK EAMRRPQIDK KGRAVSWTFS EENVIREFNL NELYQRAKKL SKAGDNIPEE QPVASTPTTV SDGENKKDK
Applicable Applications for anti-TMX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 128-296 of human TMX2 (NP_057043.1).
Positive Samples	U-251MG, HeLa, HepG2, A-549, Mouse liver, Mouse brain, Rat testis
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



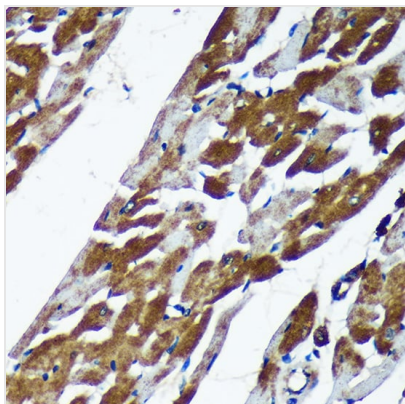
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using TMX2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



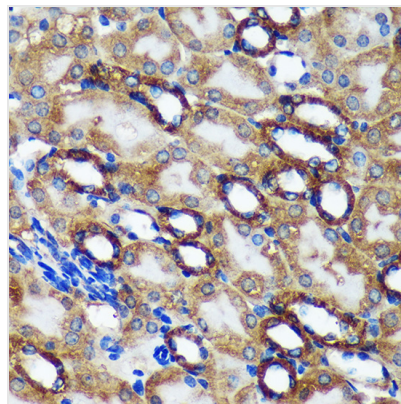
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using TMX2 Rabbit pAb at dilution of 1:100 (40x lens).



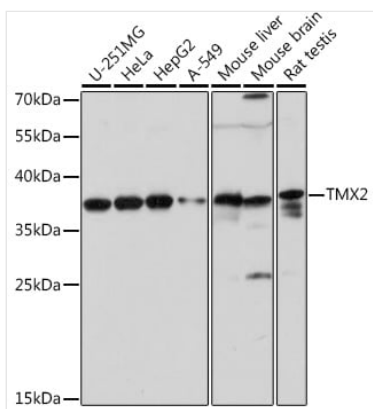
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat heart using TMX2 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using TMX2 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TMX2 pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-TMX2 antibody

Background: This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, one transmembrane domain and a C-terminal ER-retention sequence. This protein is enriched on the mitochondria-associated-membrane of the ER via palmitoylation of two of its cytosolically exposed cysteines.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221136993
NCBI GeneID	51075
NCBI Accession #	NP_001137484.1
NCBI GenBank Nucleotide #	NM_001144012.2
UniProt Accession #	Q9Y320 ; Q53G73 ; Q561W0 ; Q5J7Q7 ; Q8NBP9 ; Q9H3L1 ; B7Z4R4
Molecular Weight	33.3 kDa
NCBI Official Full Name	thioredoxin-related transmembrane protein 2 isoform 2
NCBI Official Synonym Full Names	thioredoxin related transmembrane protein 2
NCBI Official Symbol	TMX2

NCBI Official Synonym Symbols	PIG26; CGI-31; PDIA12; TXNDC14
NCBI Protein Information	thioredoxin-related transmembrane protein 2
UniProt Protein Name	Thioredoxin-related transmembrane protein 2
UniProt Gene Name	TMX2
UniProt Synonym Gene Names	TXNDC14
UniProt Entry Name	TMX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tmx2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281747>