

Rabbit anti-Human, Mouse TMX2 Polyclonal Antibody | anti-TMX2 antibody

TMX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327265	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

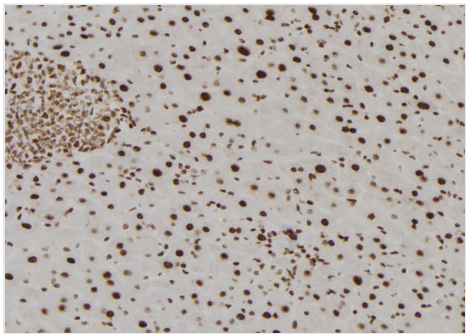
PRODUCT SYNONYMS

TMX2; Polyclonal Antibody; TMX2 Antibody; Cell proliferation inducing gene 26 protein; Cell proliferation-inducing gene 26 protein; CGI 31; Growth inhibiting gene 11; PDIA12; PIG26; Protein disulfide isomerase family A; member 12; Thioredoxin domain containing protein 14; Thioredoxin domain-containing protein 14; Thioredoxin related transmembrane protein 2; Thioredoxin-related transmembrane protein 2; tmx2; TMX2_HUMAN; TXNDC14; anti-TMX2 antibody

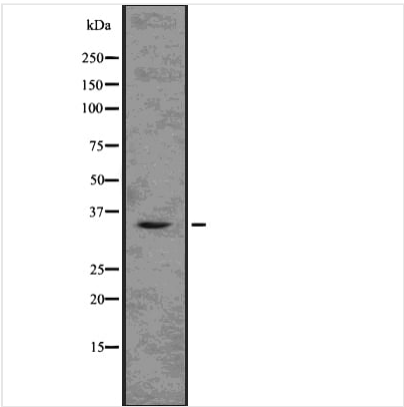
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TMX2 antibody detects endogenous levels of total TMX2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	258
Applicable Applications for anti-TMX2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TMX2
Subcellular Location	Membrane.
Tissue Specificity	Widely expressed.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (89%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327265 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of TMX2 using K562 whole lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TMX2 antibody	Similarity: The thioredoxin domain lacks the 2 redox-active cysteines, suggesting that it lacks thioredoxin activity.The di-lysine motif confers endoplasmic reticulum localization for type I membrane proteins.
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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	Observed: 34 kDa Predicted: 35 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

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.