

Rabbit anti-Human TMX4 Polyclonal Antibody | anti-TMX4 antibody

Rabbit anti-TMX4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213392	Rabbit	Human	Immunoprecipitation, Western Blot

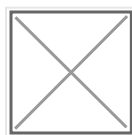
PRODUCT SYNONYMS

TMX4; Polyclonal Antibody; Rabbit anti-TMX4 Antibody; Affinity Purified; DJ971N18.2; PDIA14; protein disulfide isomerase family A; member 14; thioredoxin domain containing 13; thioredoxin domain-containing protein 13; thioredoxin-related transmembrane protein 4; TXNDC13; Thioredoxin-related transmembrane protein 4; thioredoxin related transmembrane protein 4; anti-TMX4 antibody

PRODUCT SPECIFICATIONS

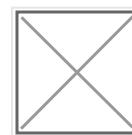
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TMX4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 299 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human TMX4 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TMX4 antibody (AAA213392 lot 1) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human TMX4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TMX4 antibody (AAA213392 lot 1) used for IP at 2 ug per reaction. TMX4 was also immunoprecipitated by rabbit anti-TMX4 antibody For blotting immunoprecipitated TMX4, AAA213392 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TMX4 antibody

TMX4 is a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. TMX4 has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, one transmembrane domain and C-terminal ASP/GLU-rich calcium binding domain. Unlike most members of this family, it lacks a C-terminal ER-retention sequence. TMX4 has been shown to have reductase activity in vitro. [provided by RefSeq, Jan 2017] [taken from NCBI Entrez Gene (Gene ID: 56255)]. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9H1E5].

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254947
NCBI GeneID	56255
NCBI Accession #	NP_066979.2
NCBI GenBank Nucleotide #	NM_021156.2
UniProt Accession #	Q9H1E5; Q8N4P7; Q8NCC1; Q9UJA1; Q9ULQ8
Molecular Weight	38,952 Da
NCBI Official Full Name	thioredoxin-related transmembrane protein 4
NCBI Official Synonym Full Names	thioredoxin-related transmembrane protein 4
NCBI Official Symbol	TMX4
NCBI Official Synonym Symbols	PDIA14; TXNDC13; DJ971N18.2
NCBI Protein Information	thioredoxin-related transmembrane protein 4; thioredoxin domain containing 13; thioredoxin domain-containing protein 13; protein disulfide isomerase family A, member 14
UniProt Protein Name	Thioredoxin-related transmembrane protein 4
UniProt Gene Name	TMX4
UniProt Synonym Gene Names	KIAA1162; TXNDC13; PSEC0095; UNQ475/PRO938
UniProt Entry Name	TMX4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmx4-antibody-immunoprecipitation-western-blot-elisa/213392>