

Rabbit anti-Human, Pig TXNDC13 Polyclonal Antibody | anti-TMX4 antibody

TXNDC13 antibody - C-terminal region

CATALOG # AAA200014	HOST Rabbit	REACTIVITY Human, Pig	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

TXNDC13; Polyclonal Antibody; TXNDC13 antibody - C-terminal region; anti-TMX4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide: GV DEERSEANDQ GPPGEDGVTR EEVEPEEAAE GISEQPCPAD TEVVEDSL
Sequence Length	349
Applicable Applications for anti-TMX4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%; Pig: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human TXNDC13
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TXNDC13 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: 293T cell lysate
There is BioGPS gene expression data showing that TMX4 is expressed in HEK293T



IHC (Immunohistochemistry)

Rabbit Anti-TMX4 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue
Observed Staining: Cytoplasmic in cell bodies and processes of pinealocytes
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-TMX4 antibody	This is a rabbit polyclonal antibody against TXNDC13. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TXNDC13 is a single-pass type I membrane protein. It contains 1 thioredoxin domain. The exact function of TXNDC13 remains unknown.
Product Categories/Family for anti-TMX4 antibody	Polyclonal ; Signal Proteins ; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254947
NCBI GeneID	56255
NCBI Accession #	NP_066979
NCBI GenBank Nucleotide #	NM_021156
UniProt Accession #	Q9H1E5
Molecular Weight	39kDa
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/txndc13-antibody-western-blot-immunohistochemistry-elisa/200014>