

Rabbit TXN2 Polyclonal Antibody | anti-TXN2 antibody

TXN2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200444	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Immunohistochemistry, Western Blot

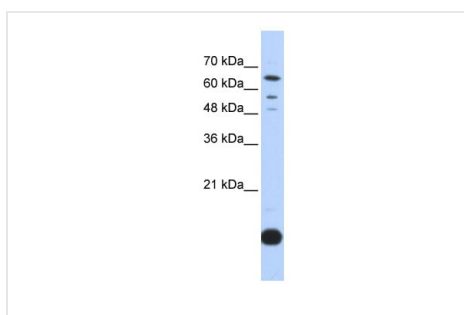
PRODUCT SYNONYMS

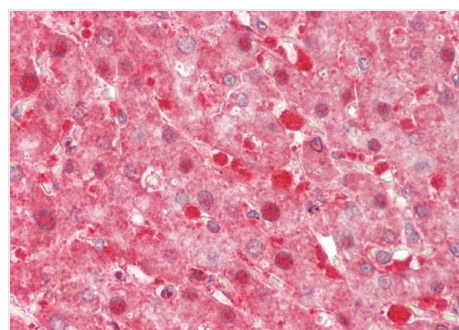
TXN2; Polyclonal Antibody; TXN2 antibody - middle region; anti-TXN2 antibody

PRODUCT SPECIFICATIONS

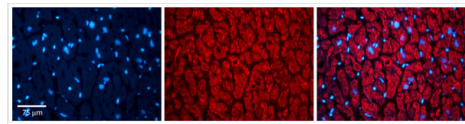
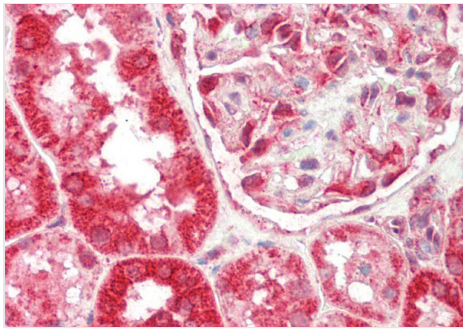
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: VDIDDHTDLAIEYEVSAPTVLAMKNGDVVDK FVGKDEDEQL EAFLLKKLI
Sequence Length	166
Applicable Applications for anti-TXN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TXN2
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-TXN2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: Transfected 293T

IHC (Immunohistochemistry)

Rabbit Anti-TXN2 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Primary antibody Concentration: 1:200
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-TXN2 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

IHC (Immunohistochemistry)

Rabbit Anti-TXN2 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Kidney
Primary antibody Concentration: 1:200
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-TXN2 antibody	This is a rabbit polyclonal antibody against TXN2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TXN2 is a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. TXN2 may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-TXN2 antibody	Polyclonal ; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; Various ; Apoptosis ; Membrane & Traffic ; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361403
NCBI GeneID	25828
NCBI Accession #	NP_036605
NCBI GenBank Nucleotide #	NM_012473
UniProt Accession #	Q99757
Molecular Weight	12kDa
NCBI Official Full Name	thioredoxin, mitochondrial
NCBI Official Synonym Full Names	thioredoxin 2
NCBI Official Symbol	TXN2
NCBI Official Synonym Symbols	TXN; MTRX; TRX2; MT-TRX; COXPD29
NCBI Protein Information	thioredoxin, mitochondrial
UniProt Protein Name	Thioredoxin, mitochondrial
UniProt Gene Name	TXN2
UniProt Synonym Gene Names	TRX2; MTRX; Mt-Trx
UniProt Entry Name	THIOM_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/txn2-antibody-immunohistochemistry-western-blot-elisa/200444>