

Rabbit Thioredoxin Polyclonal Antibody | anti-TXN2 antibody

Rabbit anti-human Thioredoxin, mitochondrial polyclonal Antibody(TXN2)

CATALOG # AAA118873	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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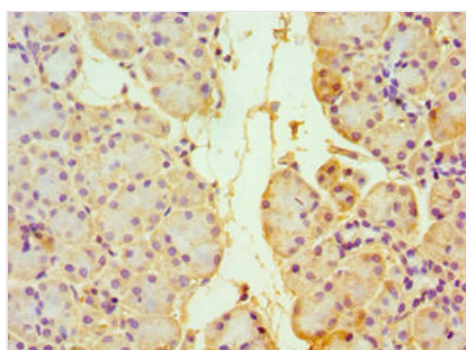
PRODUCT SYNONYMS

Thioredoxin; Polyclonal Antibody; Rabbit anti-human Thioredoxin; mitochondrial polyclonal Antibody(TXN2); MTRX; Mt-Trx; Thioredoxin-2; TXN2; TRX2; anti-TXN2 antibody

PRODUCT SPECIFICATIONS

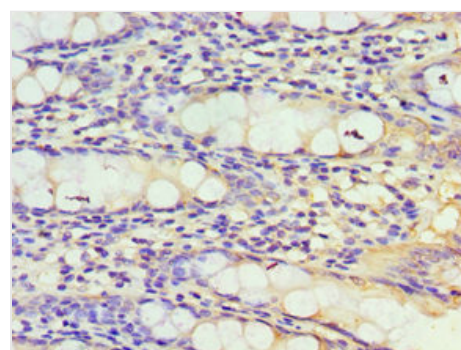
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	166
Applicable Applications for anti-TXN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Thioredoxin, mitochondrial protein (1-166aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22980 / sc-50336 / sc-50336
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



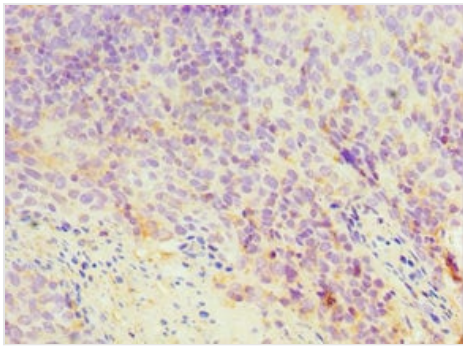
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreas using AAA118873 at dilution 1:100

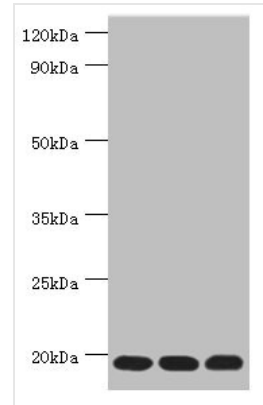


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded rectum using AAA118873 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil using AAA118873 at dilution 1:100



WB (Western Blot)
All lanes: Thioredoxin, mitochondrial antibody at 3ug/ml
Lane 1: mouse liver tissue
Lane 2: rat brain tissue
Lane 3: mouse kidney tissue
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 18kDa
Observed band size: 18kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TXN2 antibody	Has an anti-apoptotic function and plays an important role in the regulation of mitochondrial membrane potential. Could be involved in the resistance to anti-tumor agents. Possesses a dithiol-reducing activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361403
NCBI GeneID	25828
NCBI Accession #	NP_036605.2
NCBI GenBank Nucleotide #	NM_012473.3
UniProt Accession #	Q99757; Q5JZA0; Q6FH60; Q9UHZ9
Molecular Weight	18,383 Da
NCBI Official Full Name	thioredoxin, mitochondrial
NCBI Official Synonym Full Names	thioredoxin 2
NCBI Official Symbol	TXN2
NCBI Official Synonym Symbols	MTRX; TRX2; MT-TRX
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.