

Rabbit TXN2 Polyclonal Antibody | anti-TXN2 antibody

TXN2 Polyclonal Antibody

CATALOG # AAA28253	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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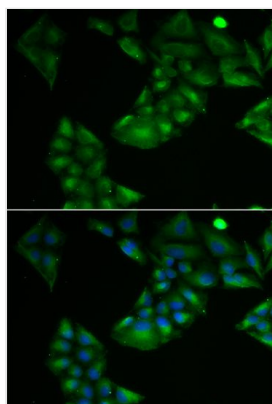
PRODUCT SYNONYMS

TXN2; Polyclonal Antibody; TXN2 Polyclonal Antibody; COXPD29; MT-TRX; MTRX; TRX2; TXN; anti-TXN2 antibody

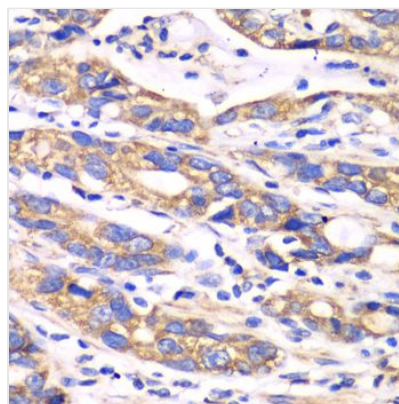
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	166
Applicable Applications for anti-TXN2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Immunogen	Recombinant protein of human TXN2
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

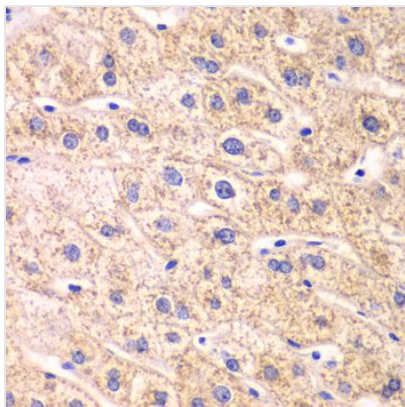
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using TXN2 antibody. Blue: DAPI for nuclear staining.

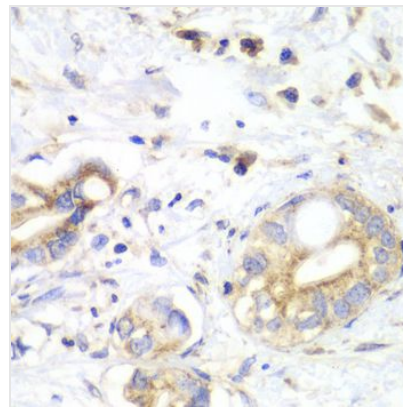

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using TXN2 antibody at dilution of 1:100 (40x lens).



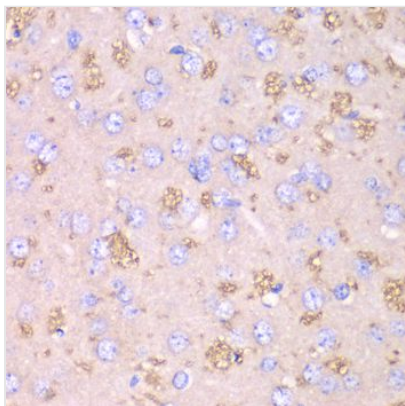
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using TXN2 antibody at dilution of 1:100 (40x lens).



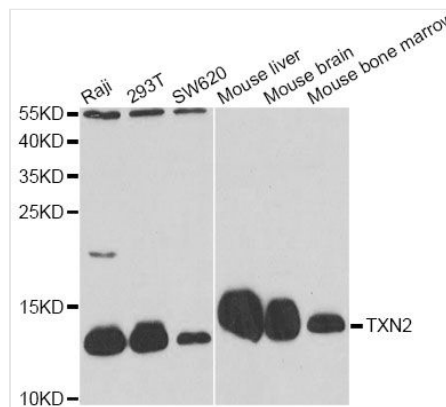
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using TXN2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using TXN2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TXN2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-TXN2 antibody	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.
Product Categories/Family for anti-TXN2 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	20455529
NCBI GeneID	25828
UniProt Accession #	Q99757 ; Q5JZA0 ; Q6FH60 ; Q9UHZ9
Molecular Weight	18kDa
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

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-western-blot-immunohistochemistry-immunofluorescence-elisa/28253>