

Rabbit TXNRD2 Polyclonal Antibody | anti-TXNRD2 antibody

Anti-TXNRD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105370	Rabbit	Human, Rat, Monkey	Immunohistochemistry, Western Blot

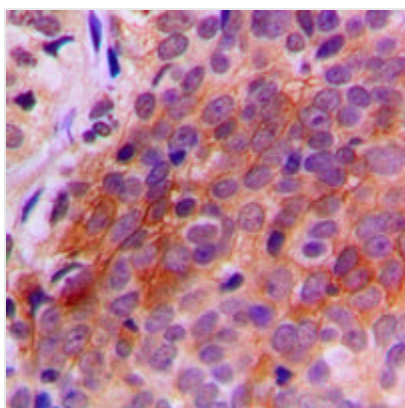
PRODUCT SYNONYMS

TXNRD2; Polyclonal Antibody; Anti-TXNRD2 Antibody; KIAA1652; TRXR2; Thioredoxin reductase 2; mitochondrial; Selenoprotein Z; SelZ; TR-beta; Thioredoxin reductase TR3; anti-TXNRD2 antibody

PRODUCT SPECIFICATIONS

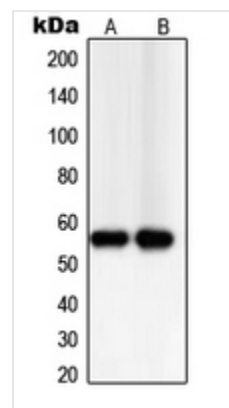
Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of TXNRD2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	338
Applicable Applications for anti-TXNRD2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human TXNRD2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of TXNRD2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of TXNRD2 expression in PC12 (A), Jurkat (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TXNRD2 antibody	Rabbit polyclonal antibody to TXNRD2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	542029077
NCBI GeneID	10587
NCBI Accession #	NP_001269441.1
NCBI GenBank Nucleotide #	NM_001282512.1
UniProt Accession #	Q9NNW7; O95840; Q96IJ2; Q9H2Z5; Q9NZV3; Q9NZV4; Q9P2Y0; Q9P2Y1; Q9UQU8
Molecular Weight	30,291 Da
NCBI Official Full Name	thioredoxin reductase 2, mitochondrial isoform 2
NCBI Official Synonym Full Names	thioredoxin reductase 2
NCBI Official Symbol	TXNRD2
NCBI Official Synonym Symbols	TR; TR3; SELZ; TRXR2; TR-BETA
NCBI Protein Information	thioredoxin reductase 2, mitochondrial; selenoprotein Z; thioredoxin reductase 3; thioredoxin reductase TR3; thioredoxin reductase beta
UniProt Protein Name	Thioredoxin reductase 2, mitochondrial
UniProt Gene Name	TXNRD2
UniProt Synonym Gene Names	KIAA1652; TRXR2; SelZ
UniProt Entry Name	TRXR2_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/txnrd2-antibody-immunohistochemistry-western-blot-elisa/105370>