

Thioredoxin Reductase 2 Monoclonal Antibody | anti-TXNRD2 antibody

Thioredoxin Reductase 2 Rabbit mAb

CATALOG # AAA314479	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------------------	--	---

PRODUCT SYNONYMS

Thioredoxin Reductase 2; Monoclonal Antibody; Thioredoxin Reductase 2 Rabbit mAb; TR; TR3; SELZ; GCCD5; TRXR2; TR-BETA; anti-TXNRD2 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S02-2D6
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-TXNRD2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human TXNRD2
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of TXNRD2 in paraffin-embedded Human Cholangiocarcinoma using TXNRD2 Rabbit mAb at dilution 1/20



WB (Western Blot)

Western blot detection of TXNRD2 in K562, Hela cell lysates using TXNRD2 Rabbit mAb(1:1000 diluted). Predicted band size: 57kDa. Observed band size: 57kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TXNRD2 antibody	Involved in the control of reactive oxygen species levels and the regulation of mitochondrial redox homeostasis (PubMed:24601690). Maintains thioredoxin in a reduced state. May play a role in redox-regulated cell signaling.
Product Categories/Family for anti-TXNRD2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	22035672
NCBI GeneID	10587
NCBI Accession #	NP_006431.2
NCBI GenBank Nucleotide #	NM_006440.3
UniProt Accession #	Q9NNW7; O95840; Q96IJ2; Q9H2Z5; Q9NZV3; Q9NZV4; Q9P2Y0; Q9P2Y1; Q9UQU8
Molecular Weight	56,507 Da
NCBI Official Full Name	thioredoxin reductase 2, mitochondrial
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/thioredoxin-reductase-2-antibody-clone-s02-2d6-immunohistochemistry-western-blot-elisa/314479>