

Rabbit TRXR2 Polyclonal Antibody | anti-TXNRD2 antibody

TRXR2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290343	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

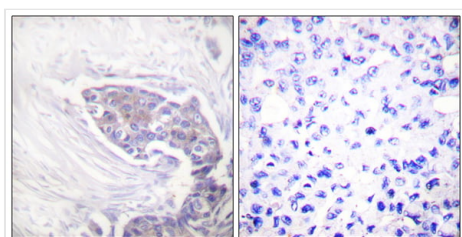
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

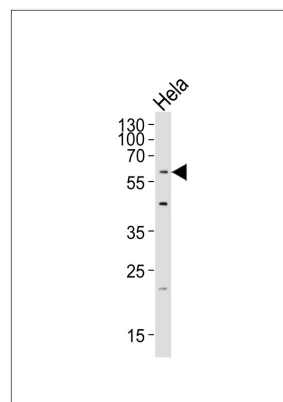
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	493-522
Sequence Length	277
Applicable Applications for anti-TXNRD2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using TRXR2 antibody.



WB (Western Blot)

Western blot analysis of lysate from HeLa cell line, using TRXR2 Antibody(C0378). C0378 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-TXNRD2 antibody	Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox- regulated cell signaling.
Product Categories/Family for anti-TXNRD2 antibody	Cell Biology; Metabolism
References	Sun Q.-A.,et al.J. Biol. Chem. 274:24522-24530(1999). Gasdaska P.Y.,et al.FEBS Lett. 442:105-111(1999). Miranda-Vizuete A.,et al.Eur. J. Biochem. 261:405-412(1999). Toji S.,et al.Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases. Lescure A.,et al.J. Biol. Chem. 274:38147-38154(1999).

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	56507
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
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.