

Rabbit TRXR2 Polyclonal Antibody | anti-TRXR2 antibody

TRXR2 Antibody

CATALOG # AAA302960	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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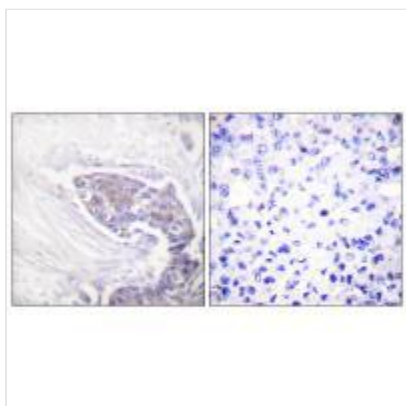
PRODUCT SYNONYMS

TRXR2; Polyclonal Antibody; TRXR2 Antibody; EC 1.8.1.9; SelZ; TR; TR-beta; TR3; anti-TRXR2 antibody

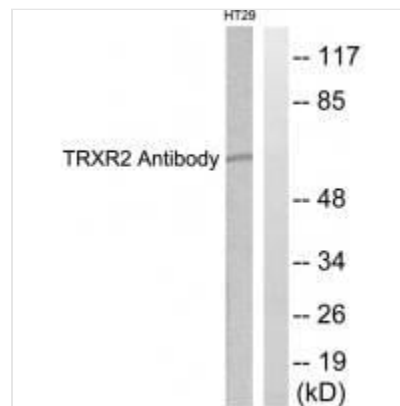
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TRXR2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	338
Applicable Applications for anti-TRXR2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human TRXR2.
Target Name	TRXR2
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

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


WB (Western Blot)

Western blot analysis of extracts from HT29 cells, using TRXR2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TRXR2 antibody	Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling.Alexandre Patenaude, J. Biol. Chem., Jun 2004; 279: 27302 - 27314. Antonio Miranda-Vizuete, Eur. J. Biochem., Apr 1999; 261: 405. Marcus Conrad, Mol. Cell. Biol., Nov 2004; 24: 9414 - 9423. Seung-Rock Lee, J. Biol. Chem., Feb 1999; 274: 4722.
Product Categories/Family for anti-TRXR2 antibody	Total protein Ab

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
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.