

TRXR2 Antibody | anti-TRXR2 antibody

TRXR2 Antibody

CATALOG # AAA109260	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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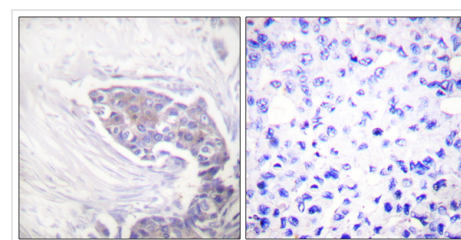
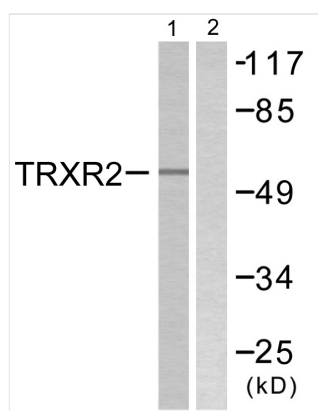
PRODUCT SYNONYMS

TRXR2; TRXR2 Antibody; EC 1.8.1.9; SelZ; TR; TR-beta; TR3; selenoprotein Z; thioredoxin reductase 2; mitochondrial precursor; thioredoxin reductase 3; thioredoxin reductase beta; anti-TRXR2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	TRXR2 antibody detects endogenous levels of total TRXR2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	524
Applicable Applications for anti-TRXR2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from Internal of human TRXR2.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using TRXR2 antibody. Western blot analysis of extracts from HT29 cells, using TRXR2 antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TRXR2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Alexandre Patenaude, J. Biol. Chem., Jun 2004; 279: 27302-27314. Antonio Miranda-Vizuite, 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22035672
NCBI GeneID	10587
NCBI Accession #	NP_006431.2
NCBI GenBank Nucleotide #	NM_006440.4
UniProt Accession #	Q9NNW7; Q95840; Q96IJ2; Q9H2Z5; Q9NZV3; Q9NZV4; Q9P2Y0; Q9P2Y1; Q9UQU8
Molecular Weight	30,291 Da
NCBI Official Full Name	thioredoxin reductase 2, mitochondrial isoform 1
NCBI Official Synonym Full Names	thioredoxin reductase 2
NCBI Official Symbol	TXNRD2
NCBI Official Synonym Symbols	TR; TR3; SELZ; GCCD5; 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

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.