

Rabbit anti-Human, Mouse Thioredoxin reductase 2 Polyclonal Antibody | anti-TXNRD2 antibody

Rabbit anti-human Thioredoxin reductase 2, mitochondrial polyclonal Antibody(TXNRD2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA114207	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

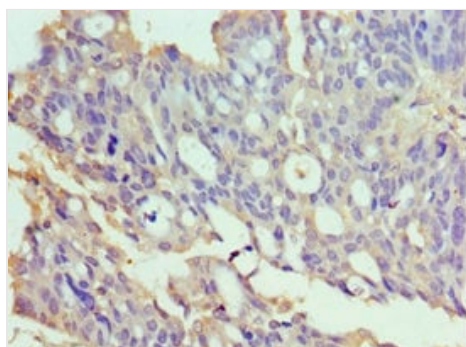
PRODUCT SYNONYMS

Thioredoxin reductase 2; Polyclonal Antibody; Rabbit anti-human Thioredoxin reductase 2; mitochondrial polyclonal Antibody(TXNRD2); Selenoprotein Z; SelZ; Thioredoxin reductase TR3; TR-beta; TXNRD2; KIAA1652; TRXR2; anti-TXNRD2 antibody

PRODUCT SPECIFICATIONS

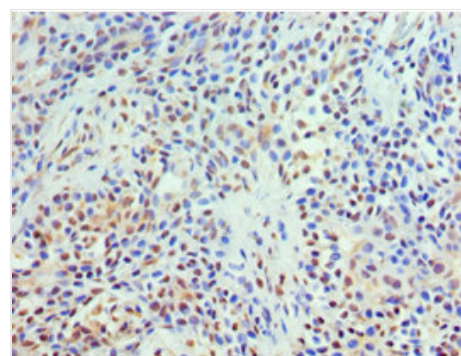
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	338
Applicable Applications for anti-TXNRD2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Thioredoxin reductase 2, mitochondrial protein (100-310aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46279 / sc-46278 / sc-67126
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



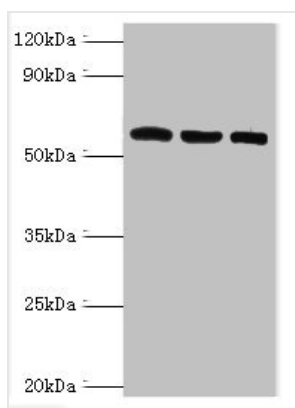
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA114207 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA114207 at dilution 1:100



WB (Western Blot)

All lanes: Thioredoxin reductase 2, mitochondrial antibody at 6ug/ml
 Lane 1: mouse liver tissue
 Lane 2: mouse gonad tissue
 Lane 3: Hela whole cell lysate
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 57,54,47,31 kDa
 Observed band size: 57 kDa

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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	542029077
NCBI GeneID	10587
NCBI Accession #	NP_001269441.1
NCBI GenBank Nucleotide #	NM_001282512.1
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 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.