

Rabbit anti-Human, Mouse Thioredoxin Reductase 1 (TrxR1) Polyclonal Antibody | anti-TrxR1 antibody

Polyclonal Antibody to Thioredoxin Reductase 1 (TrxR1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135397	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

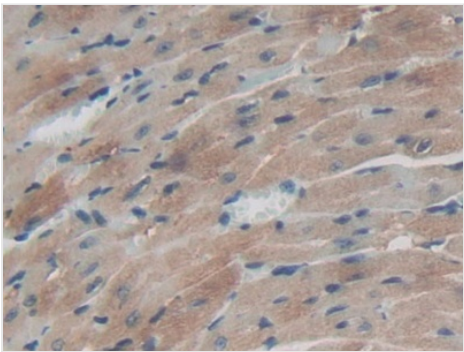
PRODUCT SYNONYMS

Thioredoxin Reductase 1 (TrxR1); Polyclonal Antibody; Polyclonal Antibody to Thioredoxin Reductase 1 (TrxR1); anti-TrxR1 antibody

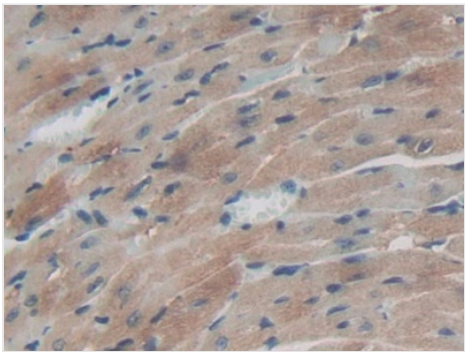
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TrxR1. It has been selected for its ability to recognize TrxR1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-EAGTPGRL RVTAQSTNSE ETIEGEFNTV LLAVGRDSCRTIGLETGVG KINEKTGKIP VTDEEQTNVP YIYAIGDILE GKLELTPVAI QAGRLLAQRL YGGSNVKCDY DNVPTTVFTP LEYGCCGLSE EKAVEKFGEE NIEVYHSFFW PLEWTVPSRD NNKCYAKIIC NLKDDERVVG FHVLPNAGE VTQGFAAAL
Sequence Length	647
Applicable Applications for anti-TrxR1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant TrxR1 (Glu374–Gln577) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

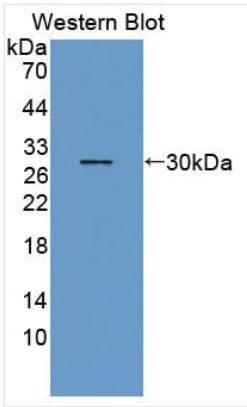
IMAGES



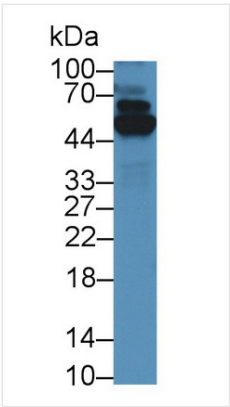
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Heart Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded heart tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human A549 cell lysate; Primary Ab: 5ug/ml Rabbit Anti-Mouse TrxR1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	110224442
NCBI GeneID	50493
NCBI Accession #	NP_001035978.1
NCBI GenBank Nucleotide #	NM_001042513.1
UniProt Accession #	Q9JMH6; Q3UEB7; Q3UK84; Q8CI31; Q99P49; Q9CSV5
Molecular Weight	54,544 Da
NCBI Official Full Name	thioredoxin reductase 1, cytoplasmic isoform 1
NCBI Official Synonym Full Names	thioredoxin reductase 1
NCBI Official Symbol	Txnrd1
NCBI Official Synonym Symbols	TR; TR1; TrxR1
NCBI Protein Information	thioredoxin reductase 1, cytoplasmic
UniProt Protein Name	Thioredoxin reductase 1, cytoplasmic
UniProt Gene Name	Txnrd1
UniProt Synonym Gene Names	Trxr1; TR

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/thioredoxin-reductase-1-trxr1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135397>