

Rabbit Glutaredoxin-1 Polyclonal Antibody | anti-GLRX antibody

Glutaredoxin-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319519	Rabbit	Human, Rat, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

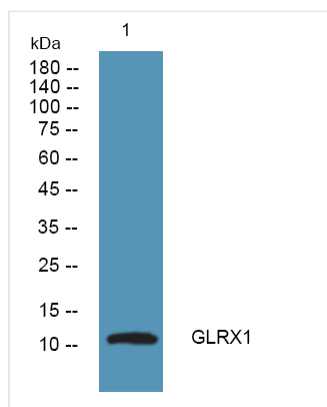
PRODUCT SYNONYMS

Glutaredoxin-1; Polyclonal Antibody; Glutaredoxin-1 Antibody; Glutaredoxin-1 (Thioltransferase-1; TTase-1); anti-GLRX antibody

PRODUCT SPECIFICATIONS

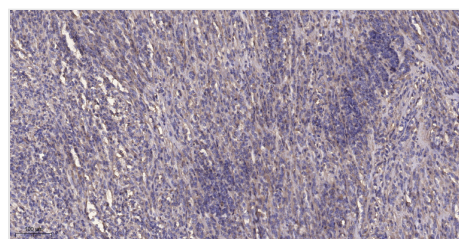
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of human Glutaredoxin-1
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GLRX antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human Glutaredoxin-1 AA range: 8-58
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-GLRX antibody	This gene encodes a member of the glutaredoxin family. The encoded protein is a cytoplasmic enzyme catalyzing the reversible reduction of glutathione-protein mixed disulfides. This enzyme highly contributes to the antioxidant defense system. It is crucial for several signalling pathways by controlling the S-glutathionylation status of signalling mediators. It is involved in beta-amyloid toxicity and Alzheimer's disease. Multiple alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Aug 2011]
Product Categories/Family for anti-GLRX antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	169646776
NCBI GeneID	2745
NCBI Accession #	NP_001112362.1
NCBI GenBank Nucleotide #	NM_001118890.1
UniProt Accession #	P35754; Q3KQS1; Q6ICT1; B2R4L2
Molecular Weight	11,776 Da
NCBI Official Full Name	glutaredoxin-1
NCBI Official Synonym Full Names	glutaredoxin (thioltransferase)
NCBI Official Symbol	GLRX
NCBI Official Synonym Symbols	GRX; GRX1
NCBI Protein Information	glutaredoxin-1; TTase-1; thioltransferase-1
UniProt Protein Name	Glutaredoxin-1
UniProt Gene Name	GLRX
UniProt Synonym Gene Names	GRX; TTase-1
UniProt Entry Name	GLRX1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutaredoxin-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/319519>