

Rabbit anti-Human Glutaredoxin-2 Polyclonal Antibody | anti-GLRX2 antibody

Rabbit anti-human Glutaredoxin-2, mitochondrial polyclonal Antibody(GLRX2)

CATALOG # AAA118698	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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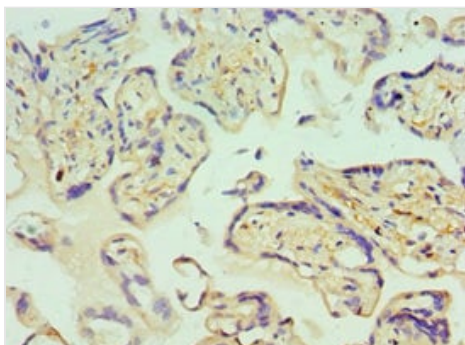
PRODUCT SYNONYMS

Glutaredoxin-2; Polyclonal Antibody; Rabbit anti-human Glutaredoxin-2; mitochondrial polyclonal Antibody(GLRX2); GLRX2; GRX2; CGI-133; anti-GLRX2 antibody

PRODUCT SPECIFICATIONS

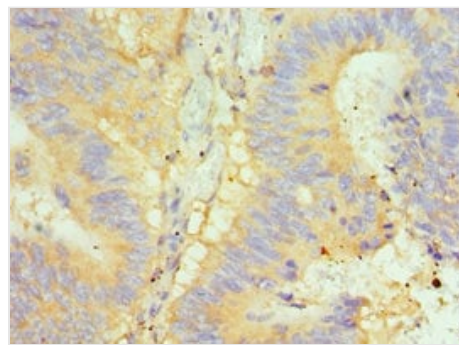
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	124
Applicable Applications for anti-GLRX2 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Glutaredoxin-2, mitochondrial protein (1-124aa)
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 placenta using AAA118698 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA118698 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GLRX2 antibody	Glutathione-dependent oxidoreductase that facilitates the maintenance of mitochondrial redox homeostasis upon induction of apoptosis by oxidative stress. Involved in response to hydrogen peroxide and regulation of apoptosis caused by oxidative stress. Acts as a very efficient catalyst of monothiol reactions because of its high affinity for protein glutathione-mixed disulfides. Can receive electrons not only from glutathione (GSH), but also from thioredoxin reductase supporting both monothiol and dithiol reactions. Efficiently catalyzes both glutathionylation and deglutathionylation of mitochondrial complex I, which in turn regulates the superoxide production by the complex. Overexpression decreases the susceptibility to apoptosis and prevents loss of cardiolipin and cytochrome c release.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	343478147
NCBI GeneID	51022
NCBI Accession #	NP_001230328.1
NCBI GenBank Nucleotide #	NM_001243399.1
UniProt Accession #	Q9NS18; Q3LR69; Q7L1N7; Q96JC0; Q9Y3D4
Molecular Weight	18,726 Da
NCBI Official Full Name	glutaredoxin 2 isoform 3
NCBI Official Synonym Full Names	glutaredoxin 2
NCBI Official Symbol	GLRX2
NCBI Official Synonym Symbols	GRX2; CGI-133
NCBI Protein Information	glutaredoxin 2
UniProt Protein Name	Glutaredoxin-2, mitochondrial
UniProt Gene Name	GLRX2
UniProt Synonym Gene Names	GRX2
UniProt Entry Name	GLRX2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutaredoxin-2-antibody-immunohistochemistry-elisa/118698>