

Rabbit anti-Human GLRX5 Polyclonal Antibody | anti-GLRX5 antibody

GLRX5 Antibody

CATALOG # AAA234841	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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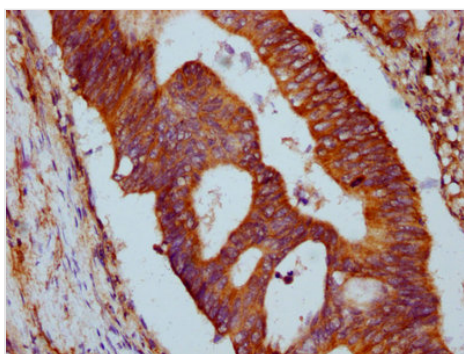
PRODUCT SYNONYMS

GLRX5; Polyclonal Antibody; GLRX5 Antibody; Glutaredoxin-related protein 5; mitochondrial; Monothiol glutaredoxin-5; C14orf87; anti-GLRX5 antibody

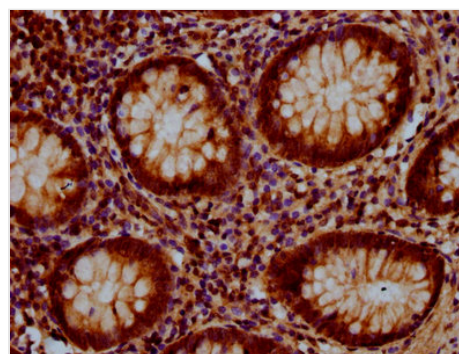
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	157
Applicable Applications for anti-GLRX5 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Glutaredoxin-related protein 5, mitochondrial protein (32-157AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

IHC image of AAA234841 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.


IHC (Immunohistochemistry)

IHC image of AAA234841 diluted at 1:500 and staining in paraffin-embedded human appendix tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-GLRX5 antibody	Monothiol glutaredoxin involved in the biogenesis of iron-sulfur clusters (PubMed:20364084). Involved in protein lipoylation, acting in the pathway that provides an iron-sulfur cluster to lipoate synthase (PubMed:24334290). Required for normal iron homeostasis. Required for normal regulation of hemoglobin synthesis by the iron-sulfur protein ACO1 (PubMed:20364084). May protect cells against apoptosis due to reactive oxygen species and oxidative stress (By similarity).
Product Categories/Family for anti-GLRX5 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	42516576
NCBI GeneID	51218
NCBI Accession #	NP_057501.2
NCBI GenBank Nucleotide #	NM_016417.2
UniProt Accession #	Q86SX6; Q0X088; Q3YML0; Q86WY3; Q8IZ54
Molecular Weight	16,628 Da
NCBI Official Full Name	glutaredoxin-related protein 5, mitochondrial
NCBI Official Synonym Full Names	glutaredoxin 5
NCBI Official Symbol	GLRX5
NCBI Official Synonym Symbols	GRX5; PRSA; SIDBA3; SPAHGC; FLB4739; PR01238; PRO1238; C14orf87
NCBI Protein Information	glutaredoxin-related protein 5, mitochondrial
UniProt Protein Name	Glutaredoxin-related protein 5, mitochondrial
UniProt Gene Name	GLRX5
UniProt Synonym Gene Names	C14orf87

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/glrx5-antibody-immunohistochemistry-elisa/234841>