

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

GLRX5 Antibody (C-term)

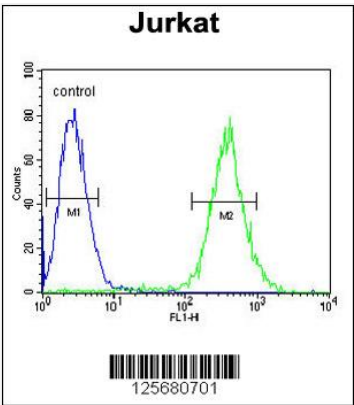
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285419	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

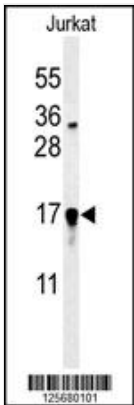
GLRX5; Polyclonal Antibody; GLRX5 Antibody (C-term); Glutaredoxin-related protein 5; mitochondrial; Monothiol glutaredoxin-5; C14orf87; anti-GLRX5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GLRX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 129-157 amino acids from the C-terminal region of human GLRX5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	129-157
Sequence Length	157
Applicable Applications for anti-GLRX5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GLRX5 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GLRX5 Antibody (C-term) in Jurkat cell line lysates (35ug/lane). GLRX5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GLRX5 antibody	GLRX5 is monothiol glutaredoxin involved in the biogenesis of iron-sulfur clusters. GLRX5 required for normal iron homeostasis. GLRX5 is required for normal regulation of hemoglobin synthesis by the iron-sulfur protein ACO1.
Product Categories/Family for anti-GLRX5 antibody	Metabolism; Signal Transduction
References	Bergmann, A.K., et al. <i>Pediatr Blood Cancer</i> 54(2):273-278(2010) Camaschella, C., et al. <i>Blood</i> 110(4):1353-1358(2007) Wingert, R.A., et al. <i>Nature</i> 436(7053):1035-1039(2005)

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	16628
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; 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
UniProt Entry Name	GLRX5_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/glr5-antibody-flow-cytometry-western-blot-elisa/285419>