

Rabbit GLRX2 Polyclonal Antibody | anti-GLRX2 antibody

GLRX2 Antibody (C-term T135)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286066	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

GLRX2; Polyclonal Antibody; GLRX2 Antibody (C-term T135); Glutaredoxin-2; mitochondrial; GRX2; anti-GLRX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GLRX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-146 amino acids from the C-terminal region of human GLRX2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	120-146
Sequence Length	124
Applicable Applications for anti-GLRX2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of hela cells using GLRX2 Antibody (C-term T135)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain reacted with GLRX2 Antibody (C-term T135), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of GLRX2 antibody (C-term T135) in mouse cerebellum tissue lysates (35ug/lane). GLRX2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GLRX2 antibody	GLRX2 are a family of glutathione-dependent hydrogen donors that participate in a variety of cellular redox reactions.
Product Categories/Family for anti-GLRX2 antibody	Cell Biology ; Metabolism ; Signal transduction
References	Lundberg M., Johansson C. J. Biol. Chem. 276:26269-26275(2001) Gladyshev V.N., Liu A. J. Biol. Chem. 276:30374-30380(2001) Lillig C.H. Proc. Natl. Acad. Sci. U.S.A. 101:13227-13232(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	343478147
NCBI GeneID	51022
NCBI Accession #	NP_001230328.1 ; NP_057150.2 ; NP_932066.1
NCBI GenBank Nucleotide #	NM_001243399.1
UniProt Accession #	Q9NS18 ; Q3LR69 ; Q7L1N7 ; Q96JC0 ; Q9Y3D4
Molecular Weight	18052
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glrx2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286066>