

Rabbit anti-Human Glutaredoxin 1/GRX1 Polyclonal Antibody | anti-GRX1 antibody

Anti-Glutaredoxin 1/GRX1 Antibody, Rabbit Polyclonal

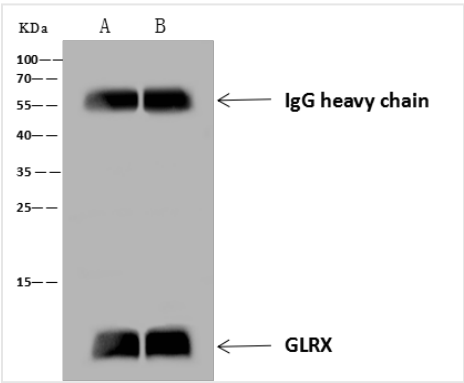
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258919	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

Glutaredoxin 1/GRX1; Polyclonal Antibody; Anti-Glutaredoxin 1/GRX1 Antibody; Rabbit Polyclonal; glutaredoxin; Anti-GLRX Antibody; Anti-GRX Antibody; Anti-GRX1 Antibody; anti-GRX1 antibody

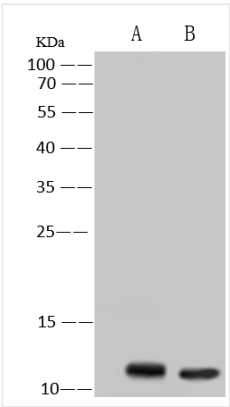
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Glutaredoxin 1/GRX1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GRX1 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human Glutaredoxin 1/GRX1 Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human Glutaredoxin 1/GRX1 (rh Glutaredoxin 1/GRX1). Glutaredoxin 1/GRX1 specific IgG was purified by Human Glutaredoxin 1/GRX1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

GLRX was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate Lane B: 0.5 mg Jurkat Whole Cell Lysate 4 uL anti-GLRX rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-GLRX rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 12 kDa Observed band size :12 kDa



WB (Western Blot)

Anti-Glutaredoxin 1/GRX1 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 12 kDa Observed band size: 12 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GRX1 antibody	Glutaredoxin-1, also known as GRX1 and GLRX, belongs to the glutaredoxin family. Glutaredoxins are small redox enzymes that use glutathione as a cofactor. Glutaredoxins are oxidized by substrates, and reduced non-enzymatically by glutathione. Glutaredoxin-1 functions as an electron carrier in the glutathione-dependent synthesis of deoxyribonucleotides by the enzyme ribonucleotide reductase. Glutaredoxin-1 exists in either a reduced or an oxidized form. Glutaredoxins function as electron carriers in the glutathione-dependent synthesis of deoxyribonucleotides by the enzyme ribonucleotide reductase.
References	Holmgren A. et al., 1988, FEMS Microbiol Rev. 4 (4): 271-97. Holmgren A. 1988, Biochem Soc Trans. 16 (2): 95-6. Holmgren A. 1989, J Biol Chem. 264 (24): 13963-6.

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.