

## Rabbit GLRX Polyclonal Antibody | anti-GLRX antibody

GLRX Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA168386 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

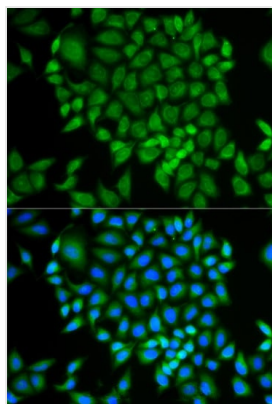
### PRODUCT SYNONYMS

GLRX; Polyclonal Antibody; GLRX Antibody; GRX; GRX1; anti-GLRX antibody

### PRODUCT SPECIFICATIONS

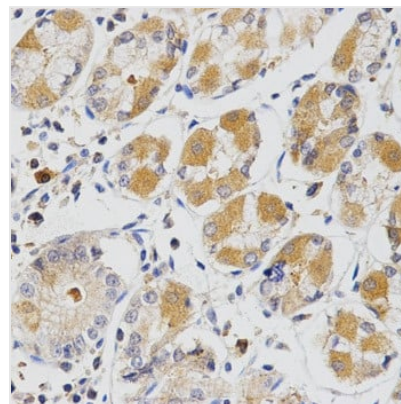
|                                                |                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                              |
| Reactivity                                     | Human, Mouse, Rat                                                                                   |
| Clonality                                      | Polyclonal                                                                                          |
| Isotype                                        | IgG                                                                                                 |
| Purity/Purification                            | Antigen affinity purification                                                                       |
| Concentration                                  | 1mg/mL (varies by lot)                                                                              |
| Sequence Length                                | 106                                                                                                 |
| Applicable Applications for anti-GLRX antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                              |
| Immunogen                                      | Recombinant protein of human GLRX                                                                   |
| Buffer                                         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3                                                    |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27786 / sc-27788 / sc-32943 |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.           |

### IMAGES



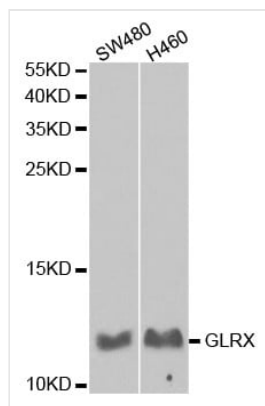
#### IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cell using GLRX antibody. Blue: DAPI for nuclear staining.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using GLRX antibody at dilution of 1:200 (x400 lens)



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GLRX antibody.

## ADDITIONAL INFORMATION

### Related Product Information for anti-GLRX antibody

This gene encodes a member of the glutaredoxin family. The encoded protein is a cytoplasmic enzyme catalyzing the reversible reduction of glutathione-protein mixed disulfides. This enzyme highly contributes to the antioxidant defense system. It is crucial for several signalling pathways by controlling the S-glutathionylation status of signalling mediators. It is involved in beta-amyloid toxicity and Alzheimer's disease. Multiple alternatively spliced transcript variants encoding the same protein have been identified.

## NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 49457326                                    |
| NCBI GeneID                      | 2745                                        |
| UniProt Accession #              | P35754; Q3KQS1; Q6ICT1; B2R4L2              |
| Molecular Weight                 | 11,776 Da                                   |
| NCBI Official Full Name          | GLRX                                        |
| NCBI Official Synonym Full Names | glutaredoxin (thioltransferase)             |
| NCBI Official Symbol             | GLRX                                        |
| NCBI Official Synonym Symbols    | GRX; GRX1                                   |
| NCBI Protein Information         | glutaredoxin-1; TTase-1; thioltransferase-1 |
| UniProt Protein Name             | Glutaredoxin-1                              |
| UniProt Gene Name                | <b>GLRX</b>                                 |
| UniProt Synonym Gene Names       | GRX; TTase-1                                |
| UniProt Entry Name               | GLRX1_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/glrx-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/168386>