

# GLRX3 Rabbit pAb

**Catalog No.: A5892**

## Basic Information

### Observed MW

37kDa

### Calculated MW

37kDa

### Category

Primary antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human

## Background

This gene encodes a member of the glutaredoxin family. Glutaredoxins are oxidoreductase enzymes that reduce a variety of substrates using glutathione as a cofactor. The encoded protein binds to and modulates the function of protein kinase C theta. The encoded protein may also inhibit apoptosis and play a role in cellular growth, and the expression of this gene may be a marker for cancer. Pseudogenes of this gene are located on the short arm of chromosomes 6 and 9. Alternatively spliced transcript variants have been observed for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

10539

### Swiss Prot

O76003

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

GRX3; GRX4; GLRX4; PICOT; TXNL2; TXNL3; GLRX3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

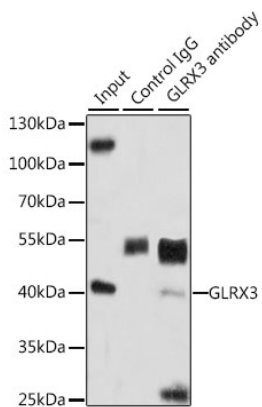
Affinity purification

### Storage

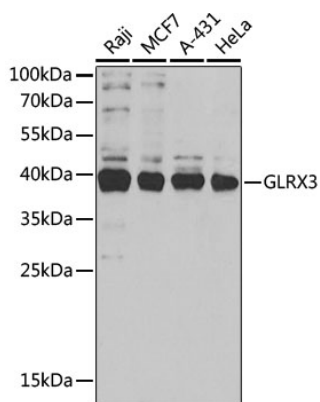
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Immunoprecipitation analysis of 200 µg extracts of HeLa cells, using 3 µg GLRX3 antibody (A5892). Western blot was performed from the immunoprecipitate using GLRX3 antibody (A5892) at a dilution of 1:1000.



Western blot analysis of various lysates using GLRX3 Rabbit pAb (A5892) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.