

For Research Use Only

# GLRX3 Polyclonal antibody

Catalog Number: 11254-1-AP

Featured Product

6 Publications



## Basic Information

### Catalog Number:

11254-1-AP

### Size:

500 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1775

### GenBank Accession Number:

BC014372

### GeneID (NCBI):

10539

### UNIPROT ID:

O76003

### Full Name:

glutaredoxin 3

### Calculated MW:

37 kDa

### Observed MW:

37-40 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** A549 cells, Jurkat cells, MCF7 cells, mouse testis tissue, rat testis tissue

**IHC:** human stomach cancer tissue, human colon cancer tissue

## Background Information

GLRX3 (Glutaredoxin-3) is also named as PICOT, TXNL2. Mammalian glutaredoxin 3 is an essential protein involved in the regulation of signal transduction, for instance during immune cell activation and development of cardiac hypertrophy, presumably in response to redox signals (PMID:20226171). Glnx3 could take a pivotal role in colon and lung cancer cells during the tumorigenesis, which is expressed in lung and colon cancers consistently and preferentially (PMID:19797004).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yi Zhao	33091421	Exp Cell Res	WB
Ki Soon Kim	29309586	Hum Mol Genet	WB
Shinji Kamisuki	29447077	Biosci Biotechnol Biochem	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

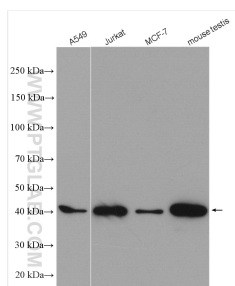
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

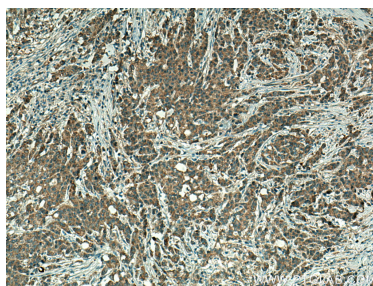
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11254-1-AP (GLRX3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 11254-1-AP (GLRX3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).