

For Research Use Only

# GLRX3 Polyclonal antibody

Catalog Number: 11254-1-AP

Featured Product

5 Publications



## Basic Information

<b>Catalog Number:</b> 11254-1-AP	<b>GenBank Accession Number:</b> BC014372	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10539	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> glutaredoxin 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 37 kDa	
<b>Immunogen Catalog Number:</b> AG1775	<b>Observed MW:</b> 37-40 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

IHC, WB

### 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

\*\*\* 20ul sizes contain 0.1% BSA

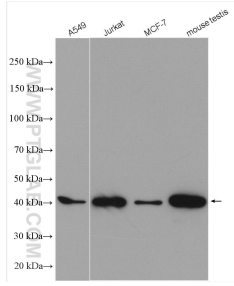
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

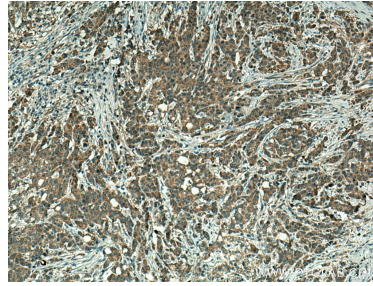
E: proteintech@ptglab.com  
W: ptglab.com

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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).