

For Research Use Only

# SRX1 Polyclonal antibody

Catalog Number: 14273-1-AP

Featured Product

32 Publications



## Basic Information

### Catalog Number:

14273-1-AP

### Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5613

### GenBank Accession Number:

BC047707

### GeneID (NCBI):

140809

### UNIPROT ID:

Q9BYNO

### Full Name:

sulfiredoxin 1 homolog (S. cerevisiae)

### Calculated MW:

14 kDa

### Observed MW:

14 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF, IHC

### Species Specificity:

human, mouse

### Cited Species:

human, rat, 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, mouse liver tissue, Transfected HEK-293 cells, HepG2 cells, U-251 cells

**IP:** A549 cells,

**IHC:** human lung cancer tissue, human breast cancer tissue, human kidney tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Qian-Wen Rao	32955798	Cancer Med	WB,IHC
Ramon Martinez	33109619	J Pharmacol Exp Ther	WB
Soini Y Y	24189098	Pathol Res Pract	IHC

## 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

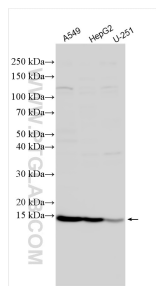
For technical support and original validation data for this product please contact:

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

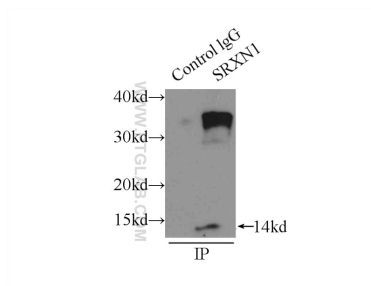
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

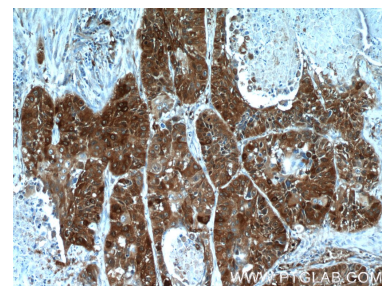
## Selected Validation Data



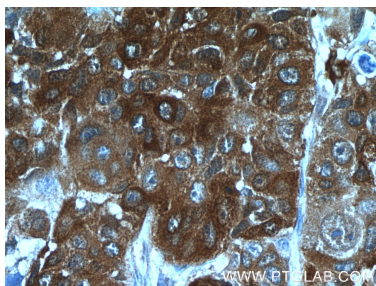
Various lysates were subjected to SDS PAGE followed by western blot with 14273-1-AP (SRX1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-SRX1 (IP:14273-1-AP, 3ug; Detection:14273-1-AP 1:400) with A549 cells lysate 3300ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14273-1-AP (SRX1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14273-1-AP (SRX1 Antibody) at dilution of 1:50 (under 40x lens).