

For Research Use Only

# SOX13 Polyclonal antibody

Catalog Number: 18902-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

18902-1-AP

### Size:

373 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG13537

### GenBank Accession Number:

BC106038

### GeneID (NCBI):

9580

### UNIPROT ID:

Q9UN79

### Full Name:

SRY (sex determining region Y)-box  
13

### Calculated MW:

622 aa, 69 kDa

### Observed MW:

69 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

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB, IHC, IF, ChIP

### Species Specificity:

human

### Cited Species:

human, mouse

### Positive Controls:

WB : BGC-823 cells, NCI-H1299 cells

IP : SH-SY5Y cells,

## Background Information

SRY-BOX 13(SOX13), identified a sequence homologous more than 60% to the SRY HMG box ,with a centrally located HMG box and an N-terminal leucine zipper motif with a neighboring glutamine stretch called a Q box. SOX13 binds to the consensus HMG-box motif. It's an IDDM-specific human autoantigen, and a gamma-delta-specific gene in the immune system. It can modulates Wnt/TCF activity. This is a rabbit polyclonal raised against part of N-terminal chain of SOX13 of human origin.

## Notable Publications

Author	Pubmed ID	Journal	Application
Catherine Demos	36247423	Front Cardiovasc Med	WB,IF
Min Feng	32461589	Lab Invest	WB,IHC
Xiaoyan Jin	35611828	Bioengineered	WB,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

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

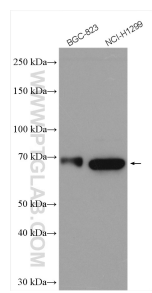
T: 4006900926

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

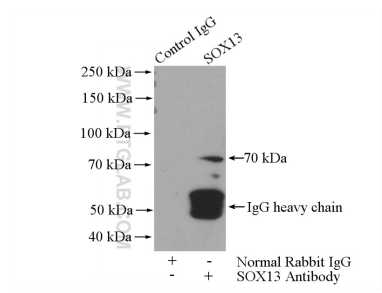
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18902-1-AP (SOX13 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-SOX13 (IP:18902-1-AP, 4ug; Detection:18902-1-AP 1:500) with SH-SY5Y cells lysate 1200ug.