

For Research Use Only

# GATA4-Specific Polyclonal antibody

Catalog Number: 19530-1-AP

Featured Product

38 Publications



## Basic Information

### Catalog Number:

19530-1-AP

### Size:

150ul, Concentration: 850 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_002052

### GeneID (NCBI):

2626

### UNIPROT ID:

P43694

### Full Name:

GATA binding protein 4

### Calculated MW:

45 kDa

### Observed MW:

45 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP, ChIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, pig, monkey

### Positive Controls:

WB: HepG2 cells, mouse liver tissue, mouse heart tissue, rat heart tissue, PC-3 cells, NIH/3T3 cells

## Background Information

GATA4 is a transcriptional activator. GATA4 binds to the consensus sequence 5'-AGATAG-3'. GATA4 acts as a transcriptional activator of ANF in cooperation with NKX2-5. Mutation of GATA4 will cause the atrial septal defect type 2 (ASD2). The antibody is specific to GATA4.

## Notable Publications

Author	Pubmed ID	Journal	Application
Fang Guo	32951004	Cell Death Dis	IF
Jie Shen	36085540	Hum Cell	IF
LinXi Cheng	34489520	Commun Biol	IF

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

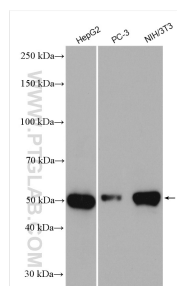
For technical support and original validation data for this product please contact:

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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19530-1-AP (GATA4-Specific antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.