

For Research Use Only

# GATA3 Polyclonal antibody

Catalog Number: 10417-1-AP

Featured Product

37 Publications



## Basic Information

### Catalog Number:

10417-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0174

### GenBank Accession Number:

BC003070

### GeneID (NCBI):

2625

### UNIPROT ID:

P23771

### Full Name:

GATA binding protein 3

### Calculated MW:

443 aa, 48 kDa

### Observed MW:

37 kDa and 48 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, ChIP

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

WB : MCF-7 cells, T-47D cells

## Background Information

GATA3 is a transcriptional factor that binds to the enhancer elements of all 4 T-cell antigen receptor genes. GATA3 is highly expressed in naive, freshly activated cells and Th2 lineage cells and thought to be necessary and sufficient for Th2 cytokine gene expression. GATA3 and TBET interfere with each other to regulate gene expression. This is a rabbit polyclonal antibody raised against part of C-terminus of human GATA3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shi-Jie Bi	34508802	J Ethnopharmacol	
Mengheng Wang	34539800	Evid Based Complement Alternat Med	
Weiwei Sheng	29072694	Cell Death Dis	WB

## 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

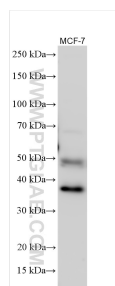
For technical support and original validation data for this product please contact:

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## Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 10417-1-AP (GATA3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.