

## GATA-3 (Phospho Ser308) Rabbit pAb

CatalogNo: YP1179

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, IF, ELISA

#### MW

- 48kD (Calculated)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

**IF 1:200-1:1000**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human GATA3 around the phosphorylation site of Ser308. AA range: 274-323

## Specificity

Phospho-GATA-3 (S308) Polyclonal Antibody detects endogenous levels of GATA-3 protein only when phosphorylated at S308. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):RLsAA

## Target Information

**Gene name** GATA3

**Protein Name** Trans-acting T-cell-specific transcription factor GATA-3

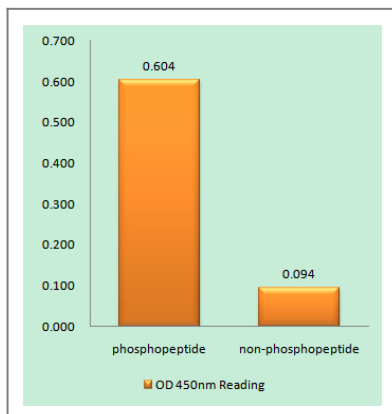
Organism	Gene ID	UniProt ID
Human	<a href="#">2625;</a>	<a href="#">P23771;</a>
Mouse	<a href="#">14462;</a>	<a href="#">P23772;</a>

**Cellular Localization** Nucleus.

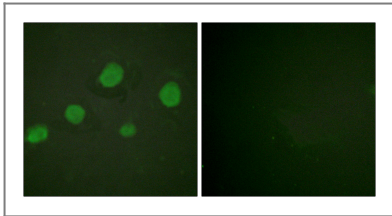
**Tissue specificity** T-cells and endothelial cells.

**Function** Disease:Defects in GATA3 are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia (HDR) [MIM:146255]; also known as Barakat syndrome.,Function:Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'.,similarity:Contains 2 GATA-type zinc fingers.,tissue specificity:T-cells and endothelial cells.,

## Validation Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using GATA3 (Phospho-Ser308) Antibody



Immunofluorescence analysis of HUVEC cells, using GATA3 (Phospho-Ser308) Antibody. The picture on the right is blocked with the phospho peptide.

## | Contact information

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**GATA-3 (Phospho Ser308) Rabbit pAb**

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