

GATA-3 (phospho Ser308) Polyclonal Antibody

Catalog No: YP1179

Reactivity: Human; Mouse

Applications: WB;IF;ELISA

Target: GATA-3

Fields: >>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>Parathyroid

hormone synthesis, secretion and action;>>Inflammatory bowel disease

Gene Name: GATA3

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

Human Gene Id: 2625

Human Swiss Prot

No:

Mouse Gene Id: 14462

Mouse Swiss Prot

No:

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.

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

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000 IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other

applications.

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Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

Molecularweight: 48kD

Background: This gene encodes a protein which belongs to the GATA family of transcription

factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell

biology. Defects in this gene are the cause of hypoparathyroidism with

sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009],

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.,

Subcellular Location :

Nucleus.

Expression: T-cells and endothelial cells.

Tag: hot

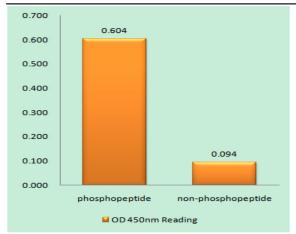
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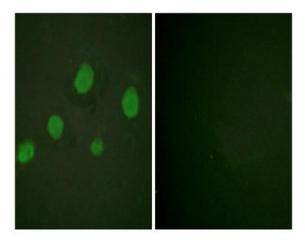
Host: Rabbit

Modifications: Phospho

Products Images



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.