

Anti-Phospho-GATA-3 (S308) antibody



Description	Rabbit polyclonal to Phospho-GATA-3 (S308).
Model	STJ91339
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF
Immunogen	Synthesized peptide derived from human GATA-3 around the phosphorylation site of S308.
Immunogen Region	250-330 aa
Gene ID	2625
Gene Symbol	GATA3
Dilution range	IF 1:200-1:1000ELISA 1:10000
Specificity	Phospho-GATA-3 (S308) Polyclonal Antibody detects endogenous levels of GATA-3 protein only when phosphorylated at S308.
Tissue Specificity	T-cells and endothelial cells.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Trans-acting T-cell-specific transcription factor GATA-3 GATA-binding factor 3
Molecular Weight	47.916 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4172OMIM:131320
Alternative Names	Trans-acting T-cell-specific transcription factor GATA-3 GATA-binding factor 3
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'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses.
Sequence and Domain Family	Binds DNA via the 2 GATA-type zinc fingers. Each zinc finger may bind either adjacent sites in a palindromic motif, or a different DNA molecule allowing looping and long-range gene regulation.; The YxKxHxxxRP motif is critical for DNA-binding and function.
Cellular Localization	Nucleus.

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