

Anti-GATA-2/3 antibody



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| Description | Rabbit polyclonal to GATA-2/3. |
| Model | STJ93225 |
| Host | Rabbit |
| Reactivity | Human, Mouse |
| Applications | ELISA, IF, IHC |
| Immunogen | Synthesized peptide derived from human GATA-3 around the non-phosphorylation site of S308. |
| Immunogen Region | 250-330 aa |
| Gene ID | 2625 |
| Gene Symbol | GATA3 |
| Dilution range | IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000 |
| Specificity | GATA-2/3 Polyclonal Antibody detects endogenous levels of GATA-2/3 protein. |
| 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 |

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| 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. |