

Phospho-GATA-1 (Ser310) Rabbit Polyclonal Antibody

Catalog #: EAB13467

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------|----------|---------------------------|
| Rabbit IgG | Polyclonal | WB, ELISA | 43 | Human, Mouse, Rat, Monkey |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| WB (Western Blotting) | 1:500-2000 |
| ELISA (Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

Product Information

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|-----------------------|--|
| Conjugate | Unconjugate |
| Specificity | Phospho-GATA-1 (Ser310) Rabbit Polyclonal Antibody detects endogenous levels of GATA-1 protein only when phosphorylated at Ser310. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P15976 |
| Entrez-Gene ID | 2623 |

Product Description

GATA-1 is erythroid-specific and is responsible for the regulated transcription of erythroid genes. It is an essential component in the generation of the erythroid lineage. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia.