

Goat anti-GATA1 Antibody

Peptide-affinity purified goat antibody Catalog # AF4531a

Specification

Goat anti-GATA1 Antibody - Product Information

Application
Primary Accession
Other Accession
Reactivity
Host
Clonality
Calculated MW

WB, IF, FC, Pep-ELISA
P15976
NP_002040.1
Human
Goat
Polyclonal
42751

Goat anti-GATA1 Antibody - Additional Information

Gene ID 2623

Other Names

GATA1; GATA binding protein 1 (globin transcription factor 1); GF1; NFE1; ERYF1

Dilution

WB~~1:1000 IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-GATA1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-GATA1 Antibody - Protein Information

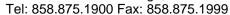
Name GATA1

Synonyms ERYF1, GF1

Function

Transcriptional activator or repressor which serves as a general switch factor for erythroid







development (PubMed:35030251). It binds to DNA sites with the consensus sequence 5'-[AT]GATA[AG]-3' within regulatory regions of globin genes and of other genes expressed in erythroid cells. Activates the transcription of genes involved in erythroid differentiation of K562 erythroleukemia cells, including HBB, HBG1/2, ALAS2 and HMBS (PubMed:24245781).

Cellular Location Nucleus.

Tissue Location Erythrocytes..

Goat anti-GATA1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Goat anti-GATA1 Antibody - Images