

Goat anti-GATA1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF4531a**Specification**

Goat anti-GATA1 Antibody - Product Information

Application	WB, IF, FC, Pep-ELISA
Primary Accession	P15976
Other Accession	NP_002040.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	42751

Goat anti-GATA1 Antibody - Additional Information**Gene ID** 2623**Other Names**

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

DilutionWB~~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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-GATA1 Antibody - Images