10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-GATA1 Antibody

Peptide-affinity purified goat antibody
Catalog # AF4531a

Product Information

Application	WB, IF, FC, Pep-ELISA
Primary Accession	P15976
Other Accession	NP_002040.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	GATA1
Calculated MW	42751

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.

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..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.