

# Goat anti-GATA1 Antibody

Peptide-affinity purified goat antibody

Catalog # AF4531a

## Product Information

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<b>Application</b>	WB, IF, FC, Pep-ELISA
<b>Primary Accession</b>	<a href="#">P15976</a>
<b>Other Accession</b>	<a href="#">NP_002040.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	GATA1
<b>Calculated MW</b>	42751

## Additional Information

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<b>Gene ID</b>	2623
<b>Other Names</b>	GATA1; GATA binding protein 1 (globin transcription factor 1); GF1; NFE1; ERYF1
<b>Dilution</b>	WB~~1:1000 IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-GATA1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	GATA1
<b>Synonyms</b>	ERYF1, GF1
<b>Function</b>	Transcriptional activator or repressor which serves as a general switch factor for erythroid development (PubMed: <a href="#">35030251</a> ). 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: <a href="#">24245781</a> ).

<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	Erythrocytes..

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