

# GATA-1 (phospho Ser310) Polyclonal Antibody

Catalog # AP67052

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P15976</a>
<b>Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	42751

## Additional Information

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<b>Gene ID</b>	2623
<b>Other Names</b>	GATA1; ERYF1; GF1; Erythroid transcription factor; Eryf1; GATA-binding factor 1; GATA-1; GF-1; NF-E1 DNA-binding protein
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## 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..

## Background

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