# antibodies -online.com





# anti-GATA1 antibody (Internal Region)



**Images** 



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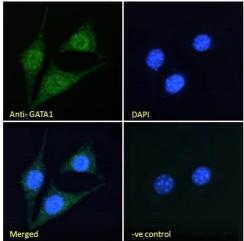
Quantity:	100 μg	
Target:	GATA1	
Binding Specificity:	Internal Region	
Reactivity:	Human, Mouse	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This GATA1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)	
Product Details		
Purpose:	GATA1	
Immunogen:	Peptide with sequence C-DAEAYRHSPVFQ, from the internal region of the protein sequence according to NP_002040.1.	
Sequence:	DAEAYRHSPV FQ	
Isotype:	IgG	
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

## **Target Details**

Target:	GATA1	
Alternative Name:	GATA1 (GATA1 Products)	
Background:	GATA1, GATA binding protein 1 (globin transcription factor 1), HGNC:4170, ERYF1, GF1, NFE1, GATA binding protein 1, GATA-binding protein 1 (globin transcription factor 1), erythrold	
	transcription factor 1, globin transcription factor 1, transcription fact	
Gene ID:	2623	
NCBI Accession:	NP_002040	
Pathways:	Cellular Response to Molecule of Bacterial Origin	
Application Details		
Application Notes:	Western Blot: Approx 50-55 kDa band observed in nuclear lysates of cell line K562 calculated	
	MW of 42.8 kDa according to NP_002040.1). This molecular weight is routinely observed by	
	other sources. Recommended concentration: 0.3-1 µg/mL. Primary incubation 1	
	Peptide ELISA: antibody detection limit dilution 1:16000.	
Comment:	Immunofluorescence: Strong expression of the protein seen in the nuclei of HeLa and NIH3T3	
	cells. Recommended concentration: 10µg/ml.	
	Flow Cytometry: Flow cytometric analysis of K562 cells. Recommended concentration: 1	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum	
	albumin.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated	

at 4°C for a few weeks and still remain viable.

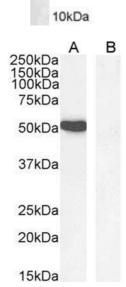
### **Images**





25kDa 20kDa

15kDa



#### **Immunofluorescence**

Image 1. ABIN185449 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Image 2. ABIN185449 (0.3µg/ml) staining of human PBMC lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### **Western Blotting**

Image 3. ABIN185449 (1µg/ml) staining of K562 nuclear cell lysate (A) and negative control Human Hippocampus (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the product details page for more images. Overall 5 images are available for ABIN185449.