

Goat GATA1 Antibody | anti-GATA1 antibody

Goat Anti-GATA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61819	Goat	Human Expected from sequence similarity: Human	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA

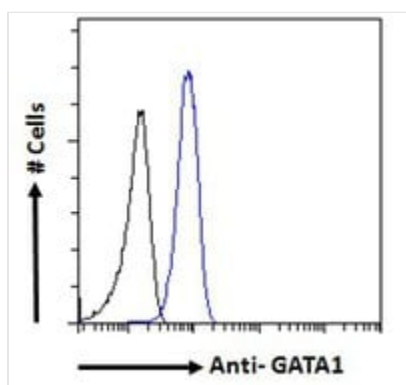
PRODUCT SYNONYMS

GATA1; Goat Anti-GATA1 Antibody; GATA binding protein 1 (globin transcription factor 1); GF1; NFE1; ERYF1; anti-GATA1 antibody

PRODUCT SPECIFICATIONS

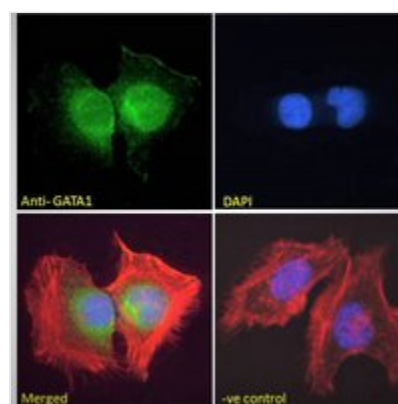
Host	Goat
Reactivity	Human Expected from sequence similarity: Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Sequence Length	413
Applicable Applications for anti-GATA1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-PTTSTTVVAPLSS, from the C Terminus of the protein sequence according to NP_002040.1.
Peptide Sequence	C-PTTSTTVVAPLSS
Negative Control	Human Hippocampus lysate.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



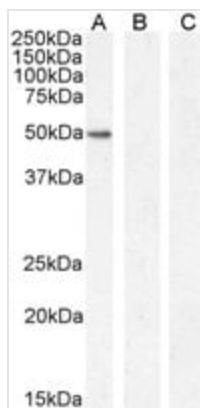
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



WB (Western Blot)

2ug/ml staining of K562 nuclear cell lysate (A) + peptide (B) and negative control Human Hippocampus (C) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503925
NCBI GeneID	2623
NCBI Accession #	NP_002040.1
NCBI GenBank Nucleotide #	NP_002040.1
UniProt Accession #	P15976
NCBI Official Full Name	erythroid transcription factor
NCBI Official Synonym Full Names	GATA binding protein 1
NCBI Official Symbol	GATA1
NCBI Official Synonym Symbols	GF1; GF-1; NFE1; XLTT; ERYF1; NF-E1; XLANP; XLTDA; GATA-1
NCBI Protein Information	erythroid transcription factor
UniProt Protein Name	Erythroid transcription factor
UniProt Gene Name	GATA1
UniProt Synonym Gene Names	ERYF1; GF1; GATA-1; GF-1
UniProt Entry Name	GATA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/goat-human-antibody/gata1/61819>