

Rabbit GATA1 Polyclonal Antibody | anti-GATA1 antibody

Anti-GATA1 (pS310) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259802	Rabbit	Human, Mouse, Rat, Monkey, Porcine, Sheep	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GATA1; Polyclonal Antibody; Anti-GATA1 (pS310) Phospho Antibody; ERYF1; GF1; Erythroid transcription factor; Eryf1; GATA-binding factor 1; GATA-1; GF-1; NF-E1 DNA-binding protein; anti-GATA1 antibody

PRODUCT SPECIFICATIONS

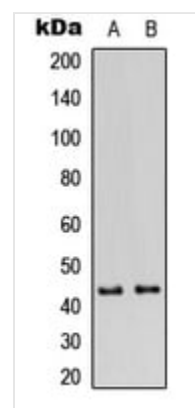
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey, Porcine, Sheep
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GATA1 (pS310) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	413
Applicable Applications for anti-GATA1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GATA1 (pS310). The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of GATA1 (pS310) staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of GATA1 (pS310) expression in HeLa (A), HEK293T (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GATA1 antibody	Rabbit polyclonal antibody to GATA1 (pS310)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503925
NCBI GeneID	2623
NCBI Accession #	NP_002040.1
NCBI GenBank Nucleotide #	NM_002049.3
UniProt Accession #	P15976; Q96GB8
Molecular Weight	34,232 Da
NCBI Official Full Name	erythroid transcription factor
NCBI Official Synonym Full Names	GATA binding protein 1 (globin transcription factor 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://www.aaabiotech.com/polyclonal/gata1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/259802>