

Rabbit GATA1 Polyclonal Antibody | anti-GATA1 antibody

Anti-GATA1 Antibody

CATALOG # AAA104859	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Dog, Monkey, Pig	APPLICATIONS Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot
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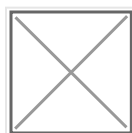
PRODUCT SYNONYMS

GATA1; Polyclonal Antibody; Anti-GATA1 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

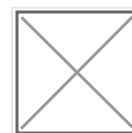
Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Monkey, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GATA1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	413
Applicable Applications for anti-GATA1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GATA1. 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



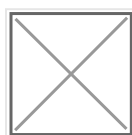
IF (Immunofluorescence)

Immunofluorescent analysis of hnRNP A1 staining in K562 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.



IHC (Immunohistochemistry)

Immunohistochemical analysis of hnRNP A1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of hnRNP A1 expression in MCF7 (A), K562 (B), NIH3T3 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GATA1 antibody	Rabbit polyclonal antibody to GATA1
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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; GATA-binding factor 1; NF-E1 DNA-binding protein; transcription factor GATA1; nuclear factor, erythroid 1; globin transcription factor 1; erythroid transcription factor 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gata1-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104859>