

Rabbit GATA1 Polyclonal Antibody | anti-GATA1 antibody

Rabbit anti GATA1 (pS142) Polyclonal Antibody

CATALOG # AAA71302	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

GATA1; Polyclonal Antibody; Rabbit anti GATA1 (pS142) Polyclonal Antibody; GATA binding protein 1; globin transcription factor 1; anti-GATA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes GATA1 with the phosphorylation site Ser142. It does not cross-react with non-phosphospecific peptide.
Purity/Purification	Purified by site-modified Epitope Affinity Purification.
Form/Format	Supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer.
Sequence Length	335
Applicable Applications for anti-GATA1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Positive Control	K562
Cellular Location	Nucleus.
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-GATA1 antibody	Antigen Preparation: A synthetic phosphor-peptide -- TLKTERLSPDLLTLG corresponding to residues surrounding Ser142 of human GATA1. It is identical among human, mouse and rat species. Background: GATA1 belongs to the GATA family of transcription factors. The proteins comprise a group of transcription factors that are related by the presence of conserved zinc finger DNA binding domains, which bind directly to the nucleotide sequence core element GATA. There are six vertebrate GATA proteins, designated GATA-1 to GATA-6. GATA-1 is the founding member of the GATA family and is required for erythroid and megakaryocytic cell development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in GATA-1 have been linked to many human diseases, including acute megakaryoblastic leukemia in Down syndrome children (DS-AMKL), X-linked thrombocytopenia, and gray platelet syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14602571
NCBI GeneID	2623
Molecular Weight	~45 kDa
NCBI Official Full Name	GATA1 protein
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

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/polyclonal/gata1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/71302>