

GATA1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16247**Specification**

GATA1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P15976
Other Accession	NM_002049 , NP_002040
Reactivity	Human, Mouse, Rat, Rabbit, Sheep, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Sheep, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

GATA1 antibody - N-terminal region - Additional Information**Gene ID 2623**

Alias Symbol **ERYF1, GF1, NFE1, GF-1, XLTT, GATA-1**
Other Names
Erythroid transcription factor, Eryf1, GATA-binding factor 1, GATA-1, GF-1, NF-E1 DNA-binding protein, GATA1, ERYF1, GF1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-GATA1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GATA1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GATA1 antibody - N-terminal region - Protein Information

Name GATA1

Synonyms ERYF1, GF1

Function

Transcriptional activator or repressor which serves as a general switch factor for erythroid development (PubMed: <http://www.uniprot.org/citations/35030251> target="_blank">35030251). It binds to DNA sites with the consensus sequence 5'-[AT]GATA[AG]-3' within regulatory regions of globin genes and of other genes expressed in

erythroid cells. Activates the transcription of genes involved in erythroid differentiation of K562 erythroleukemia cells, including HBB, HBG1/2, ALAS2 and HMBS (PubMed:24245781).

Cellular Location

Nucleus.

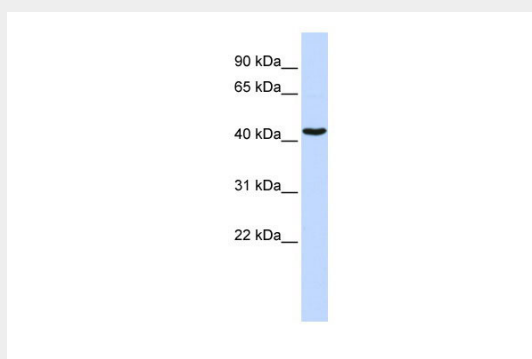
Tissue Location

Erythrocytes..

GATA1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GATA1 antibody - N-terminal region - Images

WB Suggested Anti-GATA1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: MCF7 cell lysate

GATA1 antibody - N-terminal region - Background

Transcriptional activator or repressor which probably serves as a general switch factor for erythroid development. It binds to DNA sites with the consensus sequence 5'-[AT]GATA[AG]-3' within regulatory regions of globin genes and of other genes expressed in erythroid cells.

GATA1 antibody - N-terminal region - References

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Ross M.T.,et al.Nature 434:325-337(2005).
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