

Datasheet for ABIN3031027
anti-GATA2 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	GATA2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human GATA2 (DVFFNHLDSQGNPYY) was used as the immunogen for this GATA2 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	GATA2
Alternative Name:	GATA2 (GATA2 Products)
Background:	The GATA family of transcription factors, which contain zinc fingers in their DNA binding domain, have emerged as candidate regulators of gene expression in hematopoietic cells. Ciciotte et al.(1997) mapped the mouse GATA2 gene to chromosome 6 by study of DNA from

Target Details

an interspecific backcross panel. They pointed out that the human gene had been mapped to chromosome 3 by Dorfman et al.(1992) using DNA from a panel of 12 rodent/human hybrids containing various human chromosomes and applying Southern blot analysis. By exon trapping using a PAC contig spanning a breakpoint region associated with myeloid leukemia, Wieser et al.(2000) mapped the GATA2 gene to chromosome 3q21. GATA2 is transcribed from telomere to centromere. GATA2 is expressed in hematopoietic progenitors, including early erythroid cells, mast cells, and megakaryocytes, and also in nonhematopoietic embryonic stem cells.

UniProt: [P23769](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the GATA2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

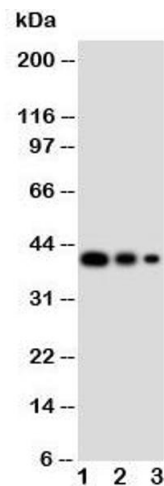
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

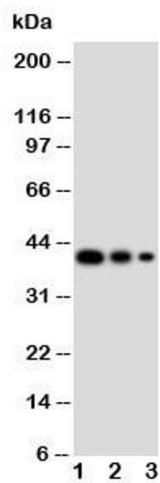
Storage Comment: After reconstitution, the GATA2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of GATA2 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng



Western Blotting

Image 2. Western blot testing of GATA2 antibody and Lane 1: recombinant human protein 10ng