

Rabbit GATA2 Polyclonal Antibody | anti-GATA2 antibody

GATA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325904	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

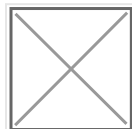
PRODUCT SYNONYMS

GATA2; Polyclonal Antibody; GATA2 Antibody; DCML; Endothelial transcription factor GATA 2; Endothelial transcription factor GATA-2; Endothelial transcription factor GATA2; FLJ45948; GATA 2; GATA binding protein 2; GATA-binding protein 2; Gata2; GATA2_HUMAN; IMD21; MGC2306; MONOMAC; NFE 1B; NFE1B; OTTHUMP00000216240; anti-GATA2 antibody

PRODUCT SPECIFICATIONS

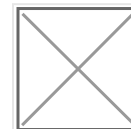
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GATA2 antibody detects endogenous levels of total GATA2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	480
Applicable Applications for anti-GATA2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GATA2
Subcellular Location	Nucleus.
Tissue Specificity	Endothelial cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA325904 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA325904 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Jurkat lysate using GATA2 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GATA2 antibody	Description: The zinc finger transcription factor GATA-2 is widely expressed and plays an essential role in many developmental processes (1). Studies on GATA-2 knockout mice indicate that this protein is required in hematopoiesis (2). GATA-2 also inhibits the differentiation of white (3) and brown adipocytes (4) and has been shown to suppress the proliferation of neuronal progenitor cells (5). Function: Transcriptional activator which regulates endothelin-1 gene expression in endothelial cells. Binds to the consensus sequence 5'-AGATAG-3'. Subunit Structure: Interacts with BRD3 (By similarity). Interacts with AR and CCAR1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224611699
NCBI GeneID	2624
NCBI Accession #	NP_001139133.1
NCBI GenBank Nucleotide #	NM_001145661.1
UniProt Accession #	P23769; Q53YE0; Q96BH0; Q96BH8; Q9BUJ6; D3DNB3
Molecular Weight	Observed: 49 kDa Predicted: 51 kDa
NCBI Official Full Name	endothelial transcription factor GATA-2 isoform 1
NCBI Official Synonym Full Names	GATA binding protein 2
NCBI Official Symbol	GATA2
NCBI Official Synonym Symbols	DCML; IMD21; NFE1B; MONOMAC
NCBI Protein Information	endothelial transcription factor GATA-2
UniProt Protein Name	Endothelial transcription factor GATA-2
UniProt Gene Name	GATA2

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/gata2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325904>