

Rabbit GATA2 Polyclonal Antibody | anti-GATA2 antibody

GATA2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283873	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

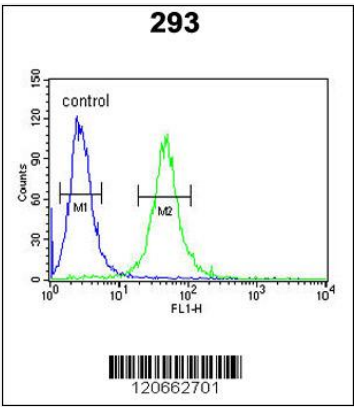
PRODUCT SYNONYMS

GATA2; Polyclonal Antibody; GATA2 Antibody (Center); Endothelial transcription factor GATA-2; GATA-binding protein 2; anti-GATA2 antibody

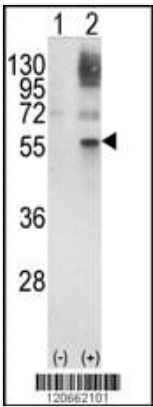
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GATA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 262-288 amino acids from the Central region of human GATA2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	262-288
Sequence Length	466
Applicable Applications for anti-GATA2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
GATA2 Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of GATA2 (arrow) using rabbit polyclonal GATA2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GATA2 gene (Lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-GATA2 antibody	GATA2 is a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. This protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages.
Product Categories/Family for anti-GATA2 antibody	Cardiovascular; Developmental Biology; Signal Transduction
References	Pan,X., et.al., J. Biochem. 127 (1), 105-112 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	224611699
NCBI GeneID	2624
NCBI Accession #	NP_001139133.1; NP_001139134.1; NP_116027.2
NCBI GenBank Nucleotide #	NM_001145661.1
UniProt Accession #	P23769; Q53YE0; Q96BH0; Q96BH8; Q9BUJ6; D3DNB3
Molecular Weight	50500
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
UniProt Entry Name	GATA2_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.

