

Rabbit GATA2 Polyclonal Antibody | anti-GATA2 antibody

GATA2 antibody - N-terminal region

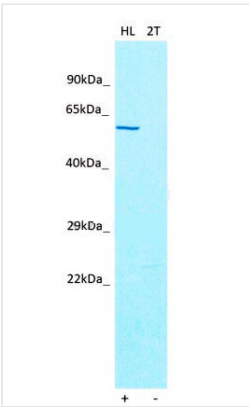
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23392	Rabbit	Tested Reactivity: Human, Mouse Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GATA2; Polyclonal Antibody; GATA2 antibody - N-terminal region; anti-GATA2 antibody

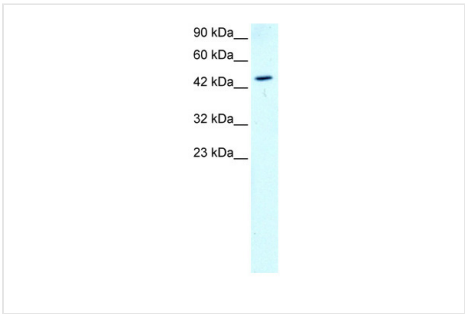
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human, Mouse Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: PY YANPAHARAR VSYPAHARL TGGQMCRPHL LHSPGLPWLD GGKAALSA
Sequence Length	480
Applicable Applications for anti-GATA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Protein Size (# AA)	480 amino acids
Protein Interactions	NOTCH2NL; KRTAP10-3; KRTAP10-9; KRT40; PRR20A; ADAMTSL4; TRAF1; PSMA3; MDFI; GOLGA2; FHL3; TRIM23; AKT1; BMI1; SPI1; SMAD4; ELAVL1; KAT2A; EP300; MED1; POU1F1; POU2AF1; ZBTB32; ZFPM1; ZBTB16; HDAC5; HDAC3; HHEX; RARA; RXRA; MAPK1; JUN; CEBPA; STAT3; PML;
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GATA2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



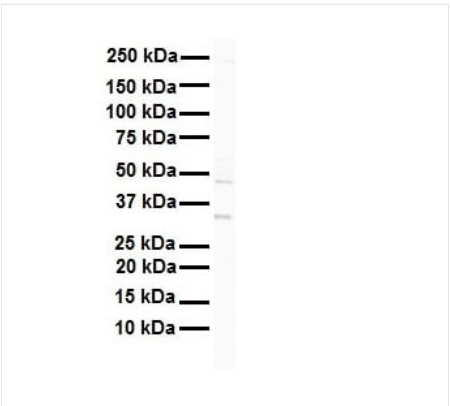
WB (Western Blot)

Host: RabbitTarget: GATA2Positive control (+): HeLa (HL)Negative control (-): 293T (2T)Antibody concentration: 1ug/ml



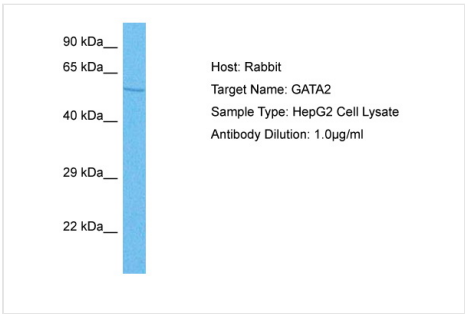
WB (Western Blot)

WB Suggested Anti-GATA2 Antibody Titration: 1.0-2.0ug/mlELISA Titer: 1:1562500Positive Control: K562 cell lysateGATA2 is strongly supported by BioGPS gene expression data to be expressed in Human K562 cells



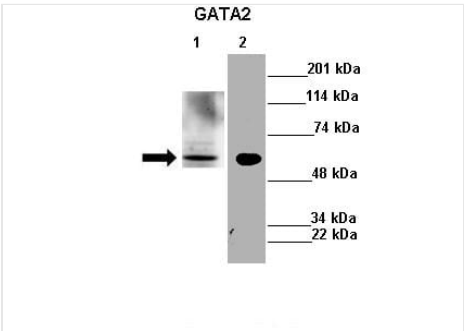
WB (Western Blot)

Host: RabbitTarget Name: GATA2Sample Tissue: Human HepG2 Whole CellAntibody Dilution: 1ug/ml



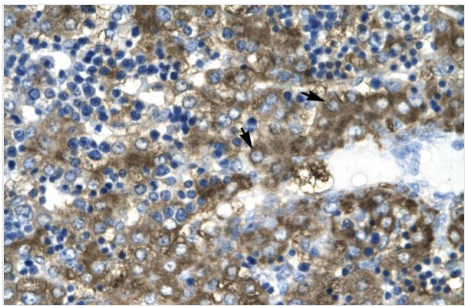
WB (Western Blot)

WB Suggested Anti-GATA2 antibody Titration: 1 ug/mlSample Type: Human K562



IHC (Immunohistochemistry)

Human Liver



WB (Western Blot)

Sample Type: Mouse liver, N2aLanes :Lane 1: 30ug mouse liver lysateLane 2: 30ug mouse N2a cell lysatePrimary Antibody Dilution :1:500Secondary Antibody :Anti-rabbit-HRPSecondary Antibody Dilution :1:2500Gene Name :GATA2Submitted by :A Kalyani and Vinayak Gupta IIT Madras

ADDITIONAL INFORMATION

Related Product Information for anti-GATA2 antibody

This is a rabbit polyclonal antibody against GATA2. It was validated on Western Blot and immunohistochemistry

Target Description: 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 is essential for normal primitive and definitive erythropoiesis and is expressed at high levels in erythroid cells, mast cells, and megakaryocytes. GATA2 is expressed in hematopoietic progenitors, including early erythroid cells, mast cells, and megakaryocytes, and also in nonhematopoietic embryonic stem cells.

Product Categories/Family for anti-GATA2 antibody

Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Stem Cells; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070352
NCBI GeneID	2624
NCBI Accession #	NP_116027
NCBI GenBank Nucleotide #	NM_032638
UniProt Accession #	P23769
Molecular Weight	50kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gata2-antibody-immunohistochemistry-western-blot-elisa/23392>