Rabbit GATA2 Polyclonal Antibody | anti-GATA2 antibody

Phospho-GATA2 (Ser401) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328424	**Rabbit**	**Human, Mouse, RatPredicted: Bovine, Horse, Rabbit, Chicken, Xenopus**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

GATA2; Polyclonal Antibody; Phospho-GATA2 (Ser401) 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 Predicted: Bovine, Horse, Rabbit, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-GATA2 (Ser401) Antibody detects endogenous levels of GATA2 only when phosphorylated at Ser401.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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 (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GATA2 around the phosphorylation site of Ser401.
Tissue Specificity	Endothelial cells.
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of Phospho-GATA2 (Ser401) in lysates of COS7 TNF 20ng/ml 5', using Phospho-GATA2 (Ser401) Antibody.

IHC (Immunohiostchemistry)
At 1/100 staining rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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

IHC (Immunohistochemistry)
At 1/100 staining mouse lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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

ADDITIONAL INFORMATION

Related Product Information for anti-GATA2 antibody	Description: 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224611699
NCBI GeneID	2624
NCBI Accession #	NP_001139133.1
NCBI GenBank Nucleotide #	NP_001139133.1
UniProt Accession #	P23769
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**
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/gata2-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328424