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GATA2/3 Recombinant Rabbit mAb

Catalog # AP98649

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Primary Accession	P23769
Other Accession	P23769
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	50500
Physical State	Liquid
Immunogen	A synthesized peptide derived from human GATA2
Epitope Specificity	1-250
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol.
SIMILARITY	Contains 2 GATA-type zinc fingers.
DISEASE	Defects in GATA3 are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia (HDR) [MIM:146255]; also known as Barakat syndrome.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Transcriptional activator which regulates endothelin-1 gene expression in endothelial cells. Binds to the consensus sequence 5'-AGATAG-3'.

Additional Information

Gene ID	2624
Other Names	GATA2_HUMAN; GATA2; GATA-binding protein 2; GATA3_HUMAN; GATA3; GATA-binding factor 3; GATA2_MOUSE; GATA3_MOUSE; Gata-3; GATA2_RAT; GATA binding protein 2
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,ICC/IF=1:50-200,IF=1:50-200,IP=1:20-50
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GATA2

Function	Transcriptional activator which regulates endothelin-1 gene expression in endothelial cells. Binds to the consensus sequence 5'- AGATAG-3'.
Cellular Location	Nucleus.
Tissue Location	Endothelial cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.