

For Research Use Only

GATA6 Recombinant antibody

Catalog Number: 84987-3-RR



Basic Information

Catalog Number: 84987-3-RR	GenBank Accession Number: NM_005257	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2627	CloneNo.: 242325B6
Source: Rabbit	UNIPROT ID: Q92908	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: GATA binding protein 6	
	Calculated MW: 60 kDa	
	Observed MW: 60-64 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	WB : BxPC-3 cells, HeLa cells, MCF-7 cells, HepG2 cells, SGC-7901 cells
	IF/ICC : HeLa cells,

Background Information

GATA6 is a member of the GATA family of zinc-finger transcriptional regulators, which play crucial roles in the regulation of cell growth, differentiation, survival, and maintenance of body functions. Named after the conserved base sequence (G/A)GATA(A/T), GATA6 features conserved tandem zinc fingers and is essential in coordinating the development and precise gene regulation of diverse tissues, including the heart and gastrointestinal tract. GATA6 recognizes the sequence (A/T/C)GATA(A/T)A and interacts with other transcriptional regulators through its zinc-finger domain.

Storage

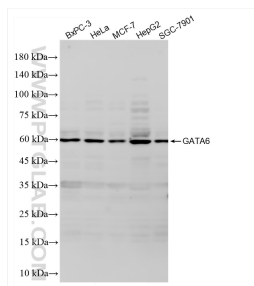
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

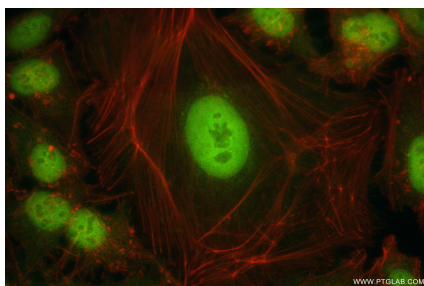
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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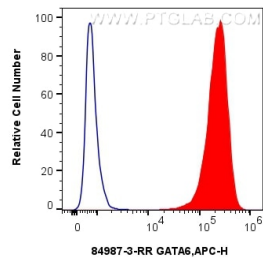
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84987-3-RR (GATA6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GATA6 antibody (84987-3-RR, Clone: 242325B6) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10⁶ HEK-293 cells were intracellularly stained with 0.25 ug GATA6 Recombinant antibody (84987-3-RR, Clone:242325B6) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).