GATA6 Recombinant antibody

Catalog Number:84987-5-RR

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Basic Information

Catalog Number:	84987-5-RR
Size:	100ul , Concentration: 1000 μg/ml by Nanodrop;
Source:	Rabbit
Isotype:	IgG

GenBank Accession Number:	NM_005257
GeneID (NCBI):	2627
UNIPROT ID:	Q92908
Full Name:	GATA binding protein 6
Calculated MW:	60 kDa
Observed MW:	60-64 kDa

Purification Method:	Protein A purification
CloneNo.:	242325G7
Recommended Dilutions:	WB 1:1000-1:6000 IF/ICC 1:500-1:2000

Applications

Tested Applications:
WB, IF/ICC, ELISA
Species Specificity:
human

Positive Controls:
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℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage
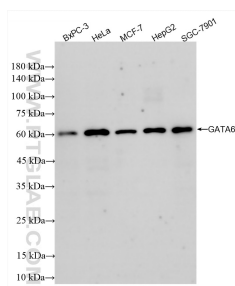
*** 20ul sizes contain 0.1% BSA

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 84987-5-RR (GATA6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.
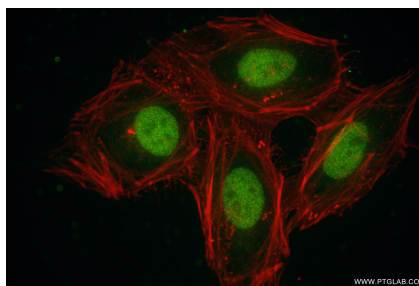
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GATA6 antibody (84987-5-RR, Clone: 242325G7) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).