

For Research Use Only

# GATA6 Polyclonal antibody

Catalog Number: 55435-1-AP

Featured Product

6 Publications



## Basic Information

<b>Catalog Number:</b> 55435-1-AP	<b>GenBank Accession Number:</b> NM_005257	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2627	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> GATA binding protein 6	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 60 kDa	
	<b>Observed MW:</b> 60-64 kDa	

## Applications

<b>Tested Applications:</b> FC, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, WB	<b>WB:</b> HeLa cells, BxPC-3 cells, MCF-7 cells
<b>Species Specificity:</b> human, rat	<b>IHC:</b> human colon cancer tissue, rat liver tissue
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

GATA6 is thought to be important for regulating terminal differentiation and/or proliferation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhihua Ren	35609006	Environ Sci Technol	WB
XiaoYun Sun	32714933	Front Cell Dev Biol	WB
Chan Xiang	25667220	FASEB J	WB

## 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

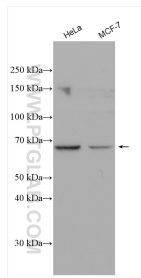
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

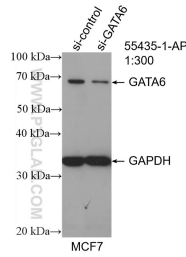
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

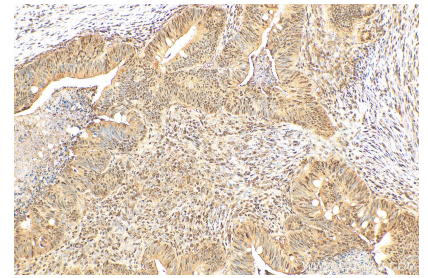
## Selected Validation Data



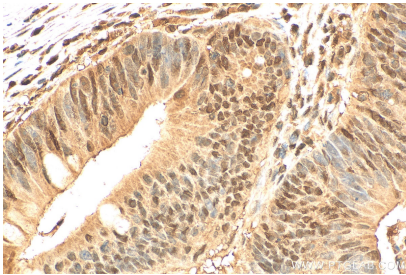
Various lysates were subjected to SDS PAGE followed by western blot with 55435-1-AP (GATA6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



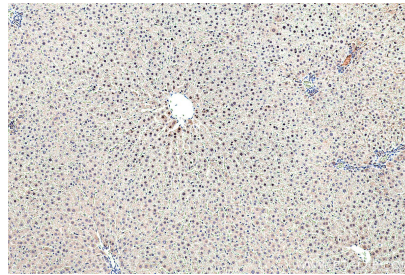
WB result of GATA6 antibody (55435-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-GATA6 transfected MCF-7 cells.



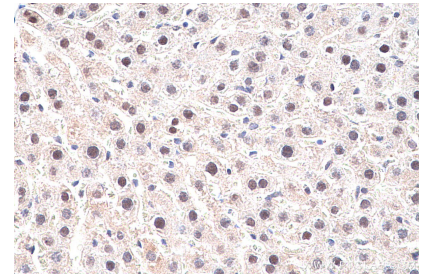
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55435-1-AP (GATA6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



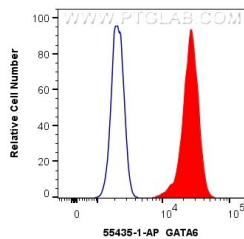
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 55435-1-AP (GATA6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 55435-1-AP (GATA6 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 55435-1-AP (GATA6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



$1 \times 10^6$  HuH-7 cells were intracellularly stained with 0.4  $\mu$ g Anti-Human GATA6 (55435-1-AP) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4  $\mu$ g Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).