

For Research Use Only

# RHBDF2 Polyclonal antibody

Catalog Number: 23181-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

23181-1-AP

### Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19710

### GenBank Accession Number:

BC016034

### GeneID (NCBI):

79651

### UNIPROT ID:

Q6PJF5

### Full Name:

rhomboid 5 homolog 2 (Drosophila)

### Calculated MW:

856 aa, 97 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IP

### Species Specificity:

human

### Cited Species:

human, pig, monkey

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

IHC : human colon cancer tissue,

IF/ICC : HepG2 cells, A431 cells

## Background Information

The gene for rhomboid 5 homolog 2 (RHBDF2) is a protein-coding gene that encodes rhombus protease, iRhom2, which participates in important biological processes. RHBDF2 is significantly upregulated in tumors and has pro-tumor effects.

## Notable Publications

Author	Pubmed ID	Journal	Application
Lei Wang	34736454	Cancer Cell Int	WB,IHC
Jiao Liu	38555788	Vet Microbiol	WB,IP
Feifei Diao	37039642	J Virol	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

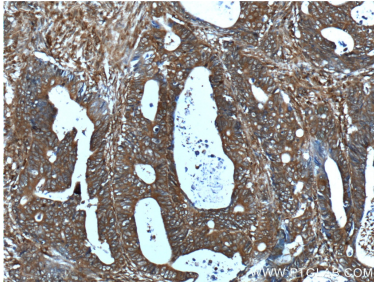
For technical support and original validation data for this product please contact:

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

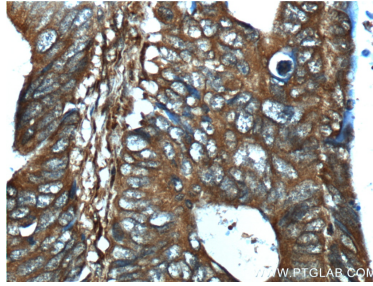
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

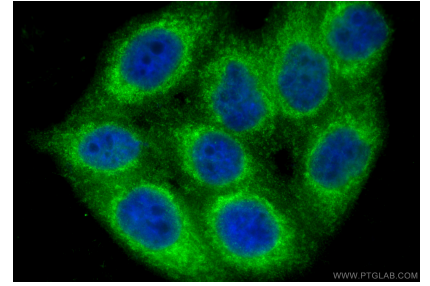
## Selected Validation Data



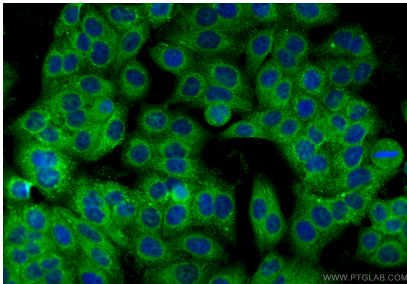
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 23181-1-AP (RHBDF2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 23181-1-AP (RHBDF2 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RHBDF2 antibody (23181-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RHBDF2 antibody (23181-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).