

For Research Use Only

# DEFA1 Polyclonal antibody

Catalog Number: 18057-1-AP

4 Publications



## Basic Information

### Catalog Number:

18057-1-AP

### Size:

150ul, Concentration: 150 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12592

### GenBank Accession Number:

BC093791

### GeneID (NCBI):

1667

### UNIPROT ID:

P59665

### Full Name:

defensin, alpha 1

### Calculated MW:

94 aa, 10 kDa

### Observed MW:

6 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, CoIP

### Species Specificity:

human

### Cited Species:

human

**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:

WB : HepG2 cells,

IHC : human small intestine tissue, human liver cancer tissue

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yanyun Wang	34687431	Hum Cell	WB
Shuang Li	33075374	Life Sci	WB, CoIP
Genhai Zhu	31714804	Syst Biol Reprod Med	IHC

## 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

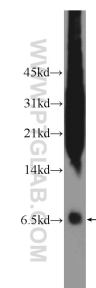
For technical support and original validation data for this product please contact:

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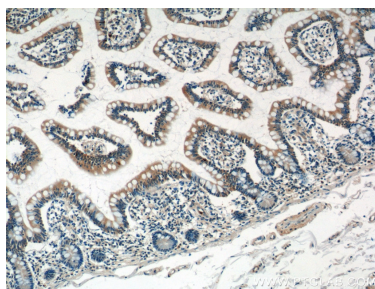
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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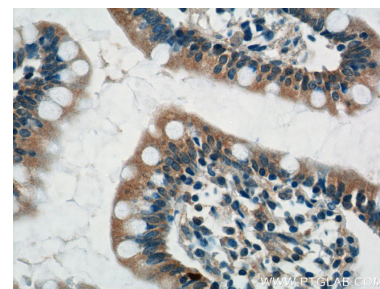
## Selected Validation Data



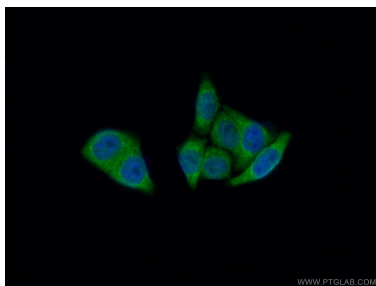
HepG2 cells were subjected to SDS PAGE followed by western blot with 18057-1-AP (DEFA1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 18057-1-AP (DEFA1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 18057-1-AP (DEFA1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 18057-1-AP (DEFA1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).