

For Research Use Only

# COL8A1 Polyclonal antibody

Catalog Number: 17251-1-AP

Featured Product

11 Publications



## Basic Information

### Catalog Number:

17251-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10607

### GenBank Accession Number:

BC013581

### GeneID (NCBI):

1295

### UNIPROT ID:

P27658

### Full Name:

collagen, type VIII, alpha 1

### Calculated MW:

744 aa, 73 kDa

### Observed MW:

73 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, canine

### Positive Controls:

WB : A375 cells, HeLa cells, HepG2 cells, COLO 320 cells, mouse kidney tissue, mouse spleen tissue, rat kidney tissue

IP : HepG2 cells,

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Tingting Li	33150686	FASEB J	WB
Kaile Zhang	32478052	Front Bioeng Biotechnol	WB
Li-Fong Seet	28331057	Dis Model Mech	WB,IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

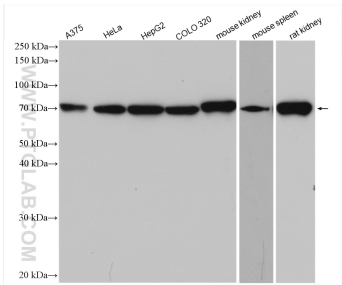
For technical support and original validation data for this product please contact:

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

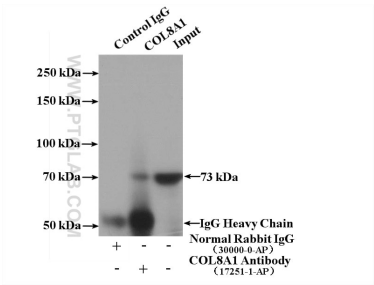
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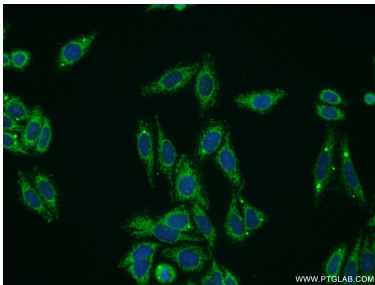
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17251-1-AP (Collagen Type VIII antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-Collagen Type VIII (IP:17251-1-AP, 4ug; Detection:17251-1-AP 1:500) with HepG2 cells lysate 1800ug.



Immunofluorescent analysis of HepG2 cells using 17251-1-AP (Collagen Type VIII antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).