

For Research Use Only

# CHIA Polyclonal antibody

Catalog Number: 21484-1-AP **3 Publications**



## Basic Information

### Catalog Number:

21484-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 187 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG15767

### GenBank Accession Number:

BC036339

### GeneID (NCBI):

27159

### UNIPROT ID:

Q9BZP6

### Full Name:

chitinase, acidic

### Calculated MW:

476 aa, 52 kDa

### Observed MW:

52 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 : mouse lung tissue,

IHC : human stomach tissue, human lung tissue

IF/ICC : HepG2 cells, Hela cells

## Notable Publications

Author	Pubmed ID	Journal	Application
Steven de Jesus Carrion	30903663	Eur J Immunol	WB,IF
Lei Zhao	35096968	Front Mol Biosci	WB
Daisuke Shiokawa	37985874	Commun Biol	IF

## 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

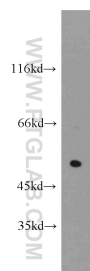
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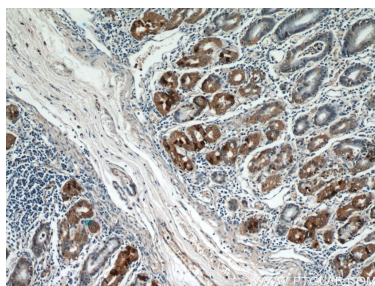
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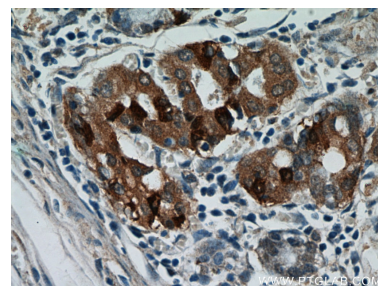
## Selected Validation Data



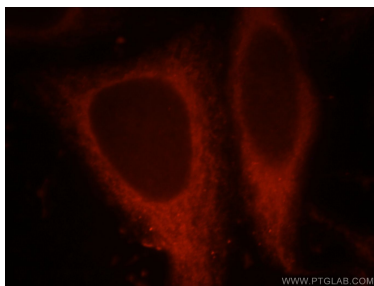
mouse lung tissue were subjected to SDS PAGE followed by western blot with 21484-1-AP (CHIA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach using 21484-1-AP (CHIA antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human stomach using 21484-1-AP (CHIA antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using CHIA antibody 21484-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).