

For Research Use Only

# KIAA0368 Polyclonal antibody

Catalog Number: 25684-1-AP

1 Publications



## Basic Information

### Catalog Number:

25684-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG22309

### GenBank Accession Number:

BC021127

### GeneID (NCBI):

23392

### UNIPROT ID:

Q5VYK3

### Full Name:

KIAA0368

### Calculated MW:

1845 aa, 204 kDa

### Observed MW:

205 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

IF

### Species Specificity:

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 : HEK-293 cells, A549 cells

IP : HEK-293 cells,

IHC : human liver tissue,

IF/ICC : HEK-293 cells,

## Background Information

Ecm29 binds specifically to 26 S proteasomes. Ecm29 has been reported to stabilize proteasomes, to remodel proteasomes upon stress, to be involved in membrane-associated localization of proteasomes, and, more recently, to be involved in quality control or assembly of the proteasome. Ecm29 acts as a proteasome inhibitor.

## Notable Publications

Author	Pubmed ID	Journal	Application
Junji Ren	38300384	Nanomicro Lett	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

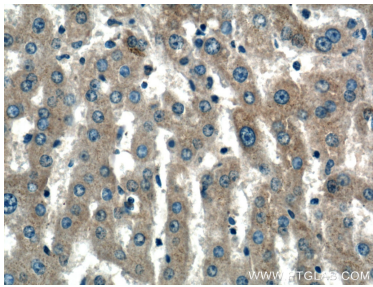
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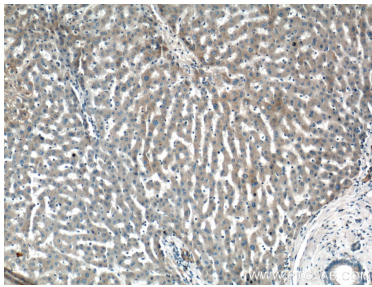
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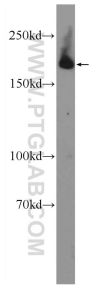
Selected Validation Data



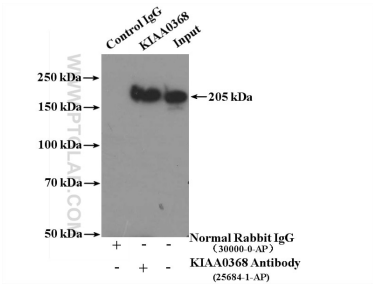
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25684-1-AP (KIAA0368 antibody) at dilution of 1:200 (under 40x lens).



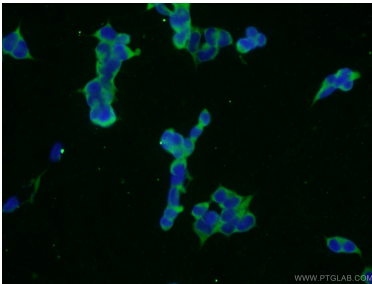
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25684-1-AP (KIAA0368 antibody) at dilution of 1:200 (under 10x lens).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 25684-1-AP (KIAA0368 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-KIAA0368 (IP:25684-1-AP, 4ug; Detection:25684-1-AP 1:600) with HEK-293 cells lysate 2600ug.



Immunofluorescent analysis of HEK-293 cells using 25684-1-AP (KIAA0368 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).