

## KIAA0368 Polyclonal antibody

Catalog Number: 25684-1-AP

1 Publications

## Basic Information

## Catalog Number:

25684-1-AP

## Size:

550 µg/ml

## 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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

## Tested Applications:

IF/ICC, IHC, IP, WB, 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:

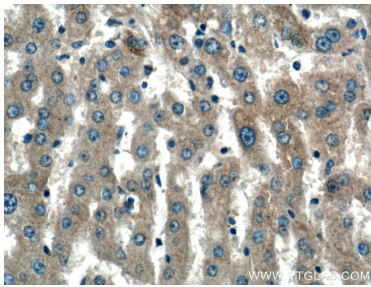
Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

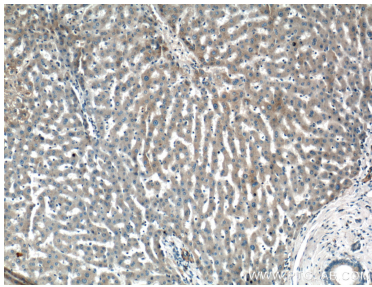
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

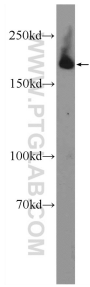
Selected Validation Data



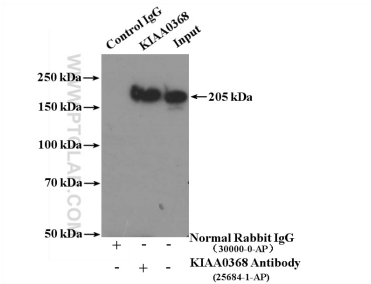
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25684-1-AP (KIAA0368 antibody) at dilution of 1:200 (under 40x lens).



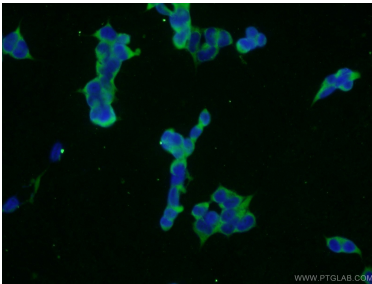
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25684-1-AP (KIAA0368 antibody) at dilution of 1:200 (under 10x lens).



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 AffiniPure Goat Anti-Rabbit IgG(H+L).