

For Research Use Only

# CCZ1 Polyclonal antibody

Catalog Number: 22159-1-AP

3 Publications



## Basic Information

### Catalog Number:

22159-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG17804

### GenBank Accession Number:

BC132749

### GeneID (NCBI):

51622

### UNIPROT ID:

P86790

### Full Name:

chromosome 7 open reading frame 28A

### Calculated MW:

482 aa, 56 kDa

### Observed MW:

50-56 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB: NIH/3T3 cells,

IP: NIH/3T3 cells,

IHC: mouse liver tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Notable Publications

Author	Pubmed ID	Journal	Application
Hanhai Zeng	34530854	J Neuroinflammation	WB
Yusheng Xing	39056394	Autophagy	
Jing Yu	39062041	Biomedicines	WB

## 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

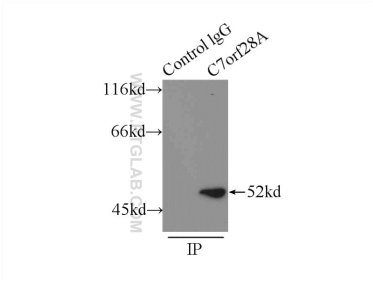
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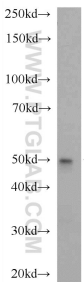
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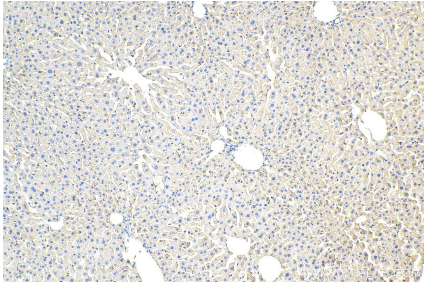
Selected Validation Data



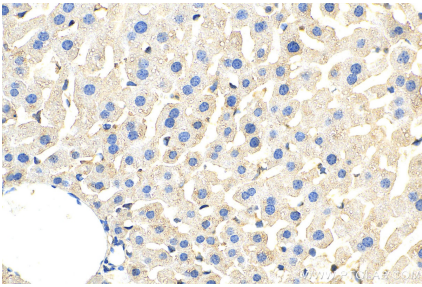
IP result of anti-CCZ1 (IP:22159-1-AP, 4ug; Detection:22159-1-AP 1:500) with NIH/3T3 cells lysate 1500ug.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 22159-1-AP (CCZ1 antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 22159-1-AP (CCZ1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 22159-1-AP (CCZ1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).