

For Research Use Only

# CBR4 Polyclonal antibody

Catalog Number: 13725-1-AP



## Basic Information

Catalog Number:

13725-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4678

GenBank Accession Number:

BC033650

GeneID (NCBI):

84869

UNIPROT ID:

Q8N4T8

Full Name:

carbonyl reductase 4

Calculated MW:

237 aa, 25 kDa

Observed MW:

28 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 1:20-1:200

## Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

**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 : BxPC-3 cells, HepG2 cells

IP : HepG2 cells,

IHC : human hepatocirrhosis tissue,

## Background Information

### 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

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

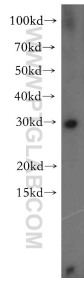
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

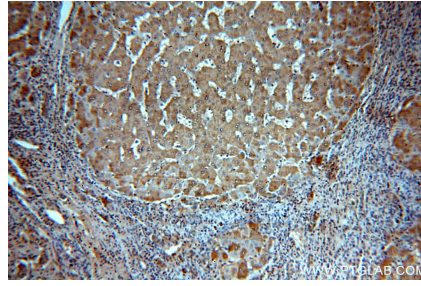
W: [ptgcn.com](http://ptgcn.com)

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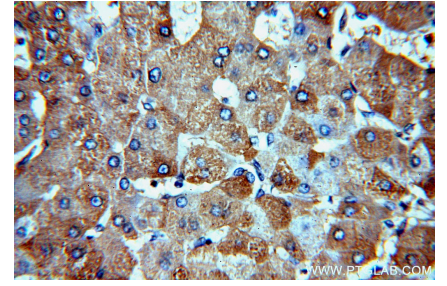
## Selected Validation Data



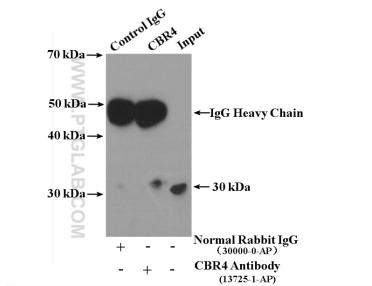
BxPC-3 cells were subjected to SDS PAGE followed by western blot with 13725-1-AP (CBR4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 13725-1-AP (CBR4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 13725-1-AP (CBR4 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-CBR4 (IP:13725-1-AP, 4ug; Detection:13725-1-AP 1:300) with HepG2 cells lysate 3400ug.