

For Research Use Only

# CCAR2 Polyclonal antibody

Catalog Number: 22638-1-AP

5 Publications



## Basic Information

Catalog Number:

22638-1-AP

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18374

GenBank Accession Number:

BC018269

GeneID (NCBI):

57805

UNIPROT ID:

Q8N163

Full Name:

KIAA1967

Calculated MW:

923 aa, 103 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

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

IHC 1:8000-1:32000

IF/ICC 1:20-1:200

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP, RIP

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 : HEK-293 cells, HeLa cells, MCF-7 cells, mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

IHC : human colon cancer tissue, human breast cancer tissue, human pancreas cancer tissue

IF/ICC : HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ruibing Chen	33751109	Nucleic Acids Res	CoIP, RIP
Farshad Niri	34197713	Biochem Cell Biol	WB, IF
Qiangqiang Liu	35913115	Elife	WB, IHC, IP

## 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:

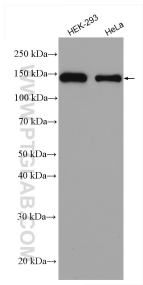
T: 4006900926

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

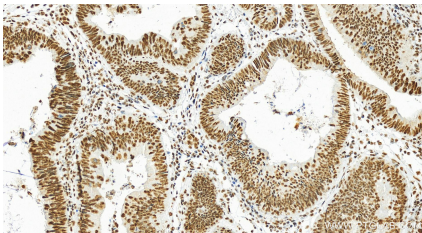
W: [ptgcn.com](http://ptgcn.com)

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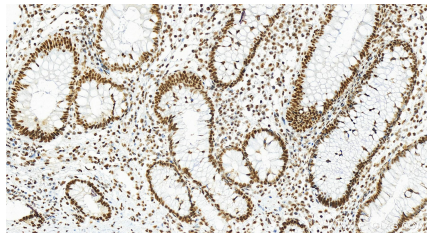
Selected Validation Data



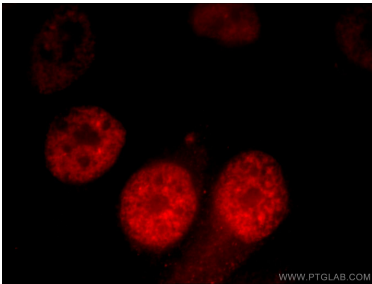
Various lysates were subjected to SDS PAGE followed by western blot with 22638-1-AP (CCAR2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



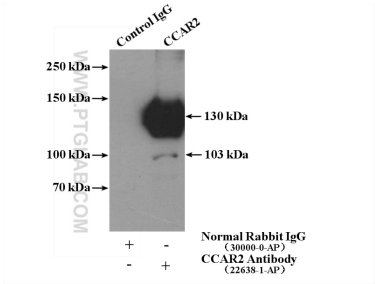
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 22638-1-AP (CCAR2 antibody) at dilution of 1:16000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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Immunofluorescent analysis of HepG2 cells, using KIAA1967 antibody 22638-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-CCAR2 (IP:22638-1-AP, 4ug; Detection:22638-1-AP 1:1000) with mouse brain tissue lysate 4000ug.