

For Research Use Only

# CCAR2 Polyclonal antibody

Catalog Number: 22638-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 22638-1-AP	<b>GenBank Accession Number:</b> BC018269	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 57805	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N163	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>Full Name:</b> KIAA1967	IHC 1:20-1:200
<b>Immunogen Catalog Number:</b> AG18374	<b>Calculated MW:</b> 923 aa, 103 kDa	IF 1:20-1:200
	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HeLa cells, MCF-7 cells, mouse brain tissue, rat brain tissue
<b>Cited Applications:</b> CoIP, IF, IHC, IP, RIP, WB	IP : mouse brain tissue,
<b>Species Specificity:</b> human, mouse, rat	IHC : human breast cancer tissue, human colon cancer tissue, human pancreas cancer tissue
<b>Cited Species:</b> human, mouse	IF : HepG2 cells,
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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:

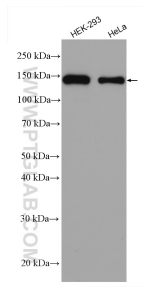
T: 4006900926

E: Proteintech-CN@ptglab.com

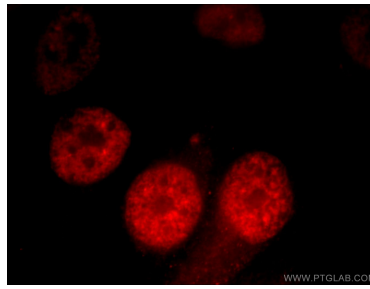
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

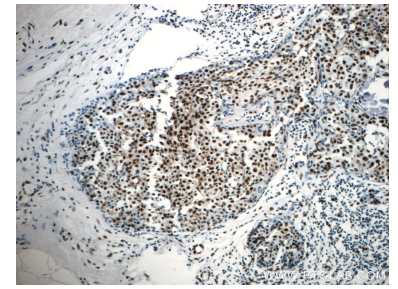
## Selected Validation Data



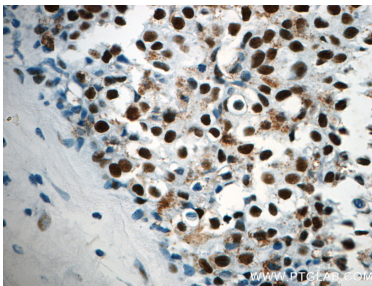
Various lysates were subjected to SDS PAGE followed by western blot with 22638-1-AP (CCR2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



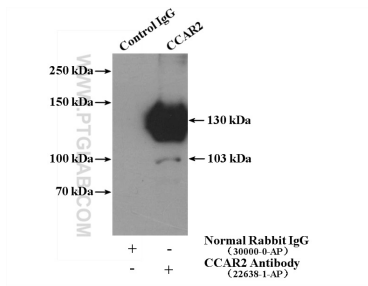
Immunofluorescent analysis of HepG2 cells, using KIAA1967 antibody 22638-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 22638-1-AP (CCR2 antibody at dilution of 1:400).



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 22638-1-AP (CCR2 antibody at dilution of 1:400).



IP result of anti-CCR2 (IP:22638-1-AP, 4ug; Detection:22638-1-AP 1:1000) with mouse brain tissue lysate 4000ug.