

For Research Use Only

# ASCC2 Polyclonal antibody

Catalog Number: 11529-1-AP

3 Publications



## Basic Information

### Catalog Number:

11529-1-AP

### Size:

150ul, Concentration: 1200 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2100

### GenBank Accession Number:

BC025368

### GeneID (NCBI):

84164

### UNIPROT ID:

Q9H1I8

### Full Name:

activating signal cointegrator 1 complex subunit 2

### Calculated MW:

757 aa, 86 kDa

### Observed MW:

90-100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, ELISA

### Cited Applications:

WB

### 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-293T cells, human colon tissue, human brain tissue, HeLa cells, mouse colon tissue, mouse brain tissue, rat brain tissue

**IP**: HeLa cells,

**IHC**: human colon cancer tissue,

**IF/ICC**: HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Junqiao Jia	33139697	Nat Commun	WB
Wen-Jin Chen	37386638	Chin Med	WB
Junqiao Jia	37019967	Nat Commun	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

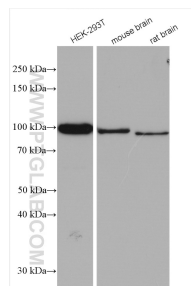
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

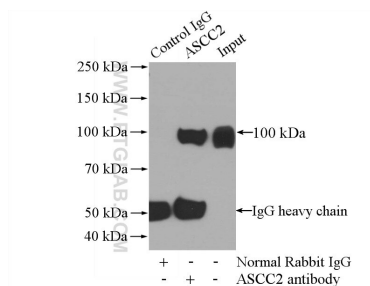
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

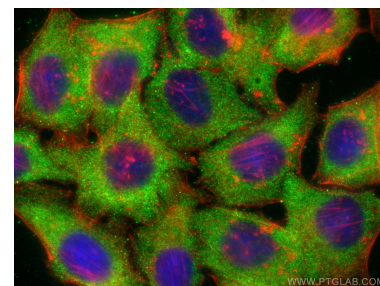
## Selected Validation Data



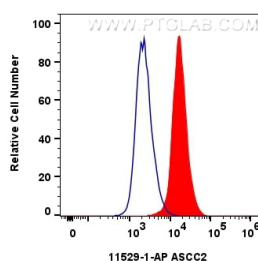
Various lysates were subjected to SDS PAGE followed by western blot with 11529-1-AP (ASCC2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



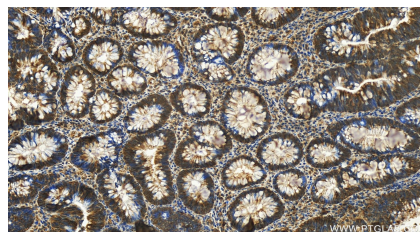
IP result of anti-ASCC2 (IP:11529-1-AP, 4ug; Detection:11529-1-AP 1:1000) with HeLa cells lysate 2640ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ASCC2 antibody (11529-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug ASCC2 Polyclonal antibody (11529-1-AP)(red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11529-1-AP (ASCC2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).