

For Research Use Only

# Calcipressin 1 Polyclonal antibody

Catalog Number: 14869-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

14869-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6457

### GenBank Accession Number:

BC002864

### GeneID (NCBI):

1827

### UNIPROT ID:

P53805

### Full Name:

regulator of calcineurin 1

### Calculated MW:

28 kDa

### Observed MW:

25-29 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

**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** : mouse brain tissue, SKOV-3 cells, human heart tissue, mouse skeletal muscle tissue, mouse heart tissue, A431 cells, mouse cerebellum tissue

**IP** : mouse brain tissue,

**IHC** : human colon cancer tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Meng	39549880	Free Radic Biol Med	WB
Zhen-Chen Chu	37465641	Front Med (Lausanne)	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

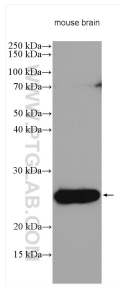
For technical support and original validation data for this product please contact:

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

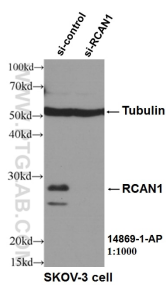
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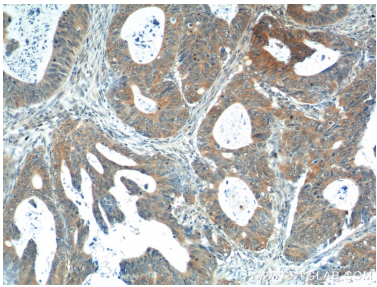
Selected Validation Data



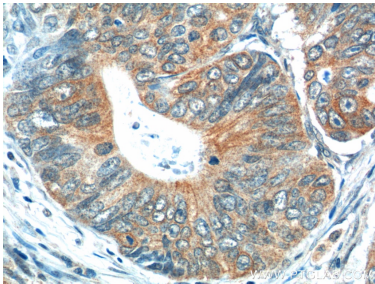
mouse brain tissue were subjected to SDS PAGE followed by western blot with 14869-1-AP (Calcipressin 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



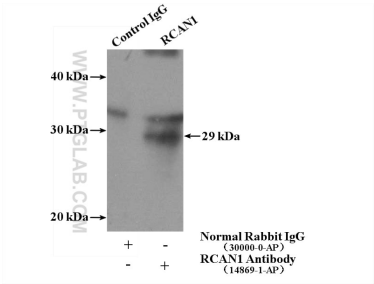
WB result of RCAN1 antibody (14869-1-AP, 1:1000) with si-control and si-RCAN1 transfected SKOV-3 cells.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14869-1-AP (RCAN1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14869-1-AP (RCAN1 Antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-Calcipressin 1 (IP:14869-1-AP, 4ug; Detection:14869-1-AP 1:500) with mouse brain tissue lysate 4000ug.