

For Research Use Only

# CALML3 Polyclonal antibody

Catalog Number: 17275-1-AP



## Basic Information

### Catalog Number:

17275-1-AP

### Size:

150ul, Concentration: 1500 ug/ml by Nanodrop and 833 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11037

### GenBank Accession Number:

BC031889

### GeneID (NCBI):

810

### UNIPROT ID:

P27482

### Full Name:

calmodulin-like 3

### Calculated MW:

149 aa, 17 kDa

### Observed MW:

17 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

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Species Specificity:

human

**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 : A431 cells,

IP : A431 cells,

IHC : human liver cancer tissue,

IF/ICC : A431 cells,

## 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

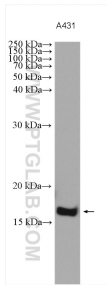
For technical support and original validation data for this product please contact:

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

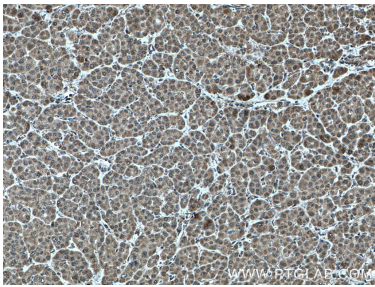
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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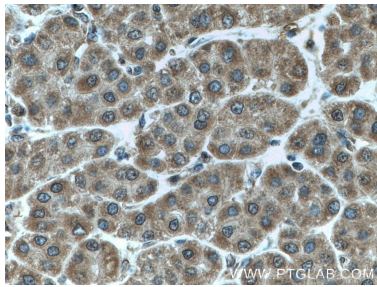
Selected Validation Data



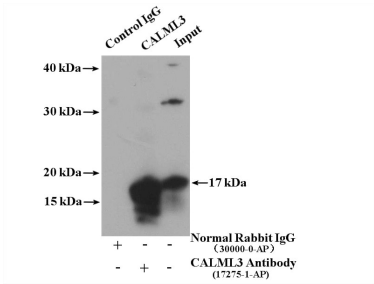
A431 cells were subjected to SDS PAGE followed by western blot with 17275-1-AP (CALML3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



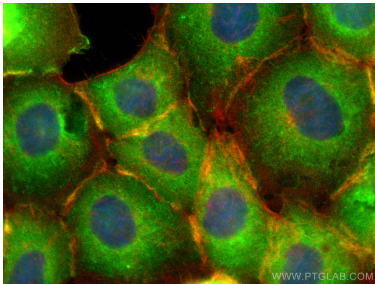
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17275-1-AP (CALML3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17275-1-AP (CALML3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



IP result of anti-CALML3 (IP:17275-1-AP, 4ug; Detection:17275-1-AP 1:300) with A431 cells lysate 2400 ug.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CALML3 antibody (17275-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).