

For Research Use Only

CALML3 Polyclonal antibody

Catalog Number: 17275-1-AP



Basic Information

Catalog Number:

17275-1-AP

Size:

1500 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, 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: A431 cells,

Background Information

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:

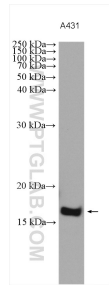
T: 4006900926

E: Proteintech-CN@ptglab.com

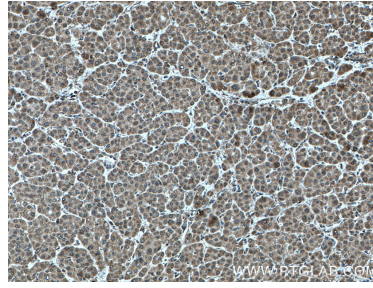
W: ptgcn.com

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

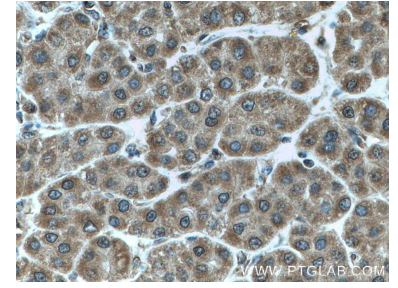
Selected Validation Data



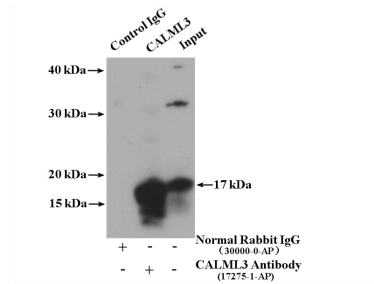
A431 cells were subjected to SDS PAGE followed by western blot with 17275-1-AP (CALML3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



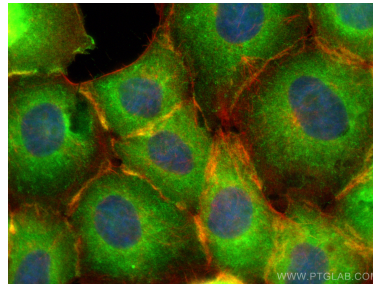
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17275-1-AP (CALML3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



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).