

For Research Use Only

# Calumenin Polyclonal antibody

Catalog Number: 17804-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

17804-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12073

GenBank Accession Number:

BC013383

GeneID (NCBI):

813

UNIPROT ID:

O43852

Full Name:

calumenin

Calculated MW:

315 aa, 37 kDa

Observed MW:

47 kDa, 57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, pig

**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-293 cells, HepG2 cells, human placenta tissue, K-562 cells, mouse kidney tissue

IHC : human placenta tissue, mouse brain tissue

IF/ICC : HeLa cells,

## Background Information

### Notable Publications

| Author       | Pubmed ID | Journal    | Application |
|--------------|-----------|------------|-------------|
| Q Wang       | 24632605  | Oncogene   | WB          |
| Pengli Zheng | 30030520  | Cell Res   | WB          |
| Mili Zhang   | 35789544  | Cancer Med | IF          |

## 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:

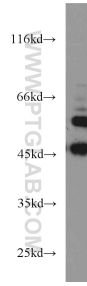
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

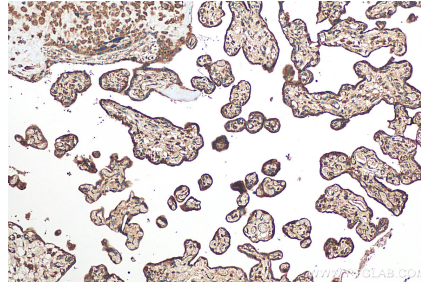
W: [ptgcn.com](http://ptgcn.com)

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

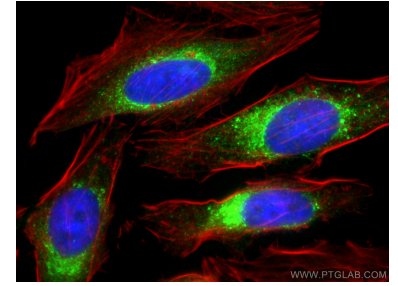
## Selected Validation Data



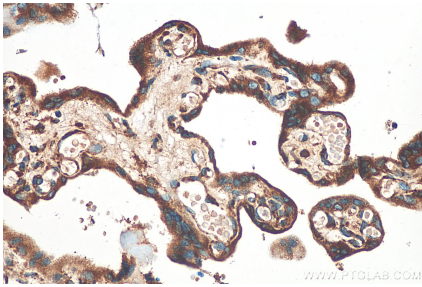
HEK-293 cells were subjected to SDS PAGE followed by western blot with 17804-1-AP (Calumenin antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 17804-1-AP (Calumenin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Calumenin antibody (17804-1-AP) at dilution of 1:200 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 17804-1-AP (Calumenin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).