

## ARPC5L Polyclonal antibody

Catalog Number: 22025-1-AP

1 Publications

## Basic Information

## Catalog Number:

22025-1-AP

## Size:

600 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG16881

## GenBank Accession Number:

BC000798

## GeneID (NCBI):

81873

## UNIPROT ID:

Q9BPX5

## Full Name:

actin related protein 2/3 complex,  
subunit 5-like

## Calculated MW:

17 kDa

## Observed MW:

17-20 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

## Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

## Cited Applications:

WB, IF

## Species Specificity:

human, mouse, rat

## Cited Species:

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 : mouse brain tissue, human brain tissue, NIH/3T3  
cells, mouse lung tissue, rat brain tissue

IP : mouse brain tissue,

IHC : human placenta tissue, human cerebellum tissue

IF/ICC : MCF-7 cells,

## Background Information

ARPC5L, also known as ARC16-2, belongs to the ARPC5 family. ARPC5L is involved in Arp2/3 complex-mediated actin nucleation and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. ARPC5L-containing Arp2/3 complexes are required for the peripheral positioning of nuclei in myofibers (PMID: 28892082). The molecular mass of ARPC5L is 17-20 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jason W. Lui	34468072	Pigment Cell Melanoma Res	WB, 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

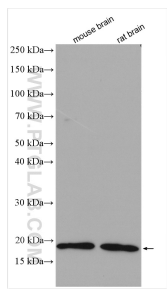
For technical support and original validation data for this product please contact:

T: 4006900926

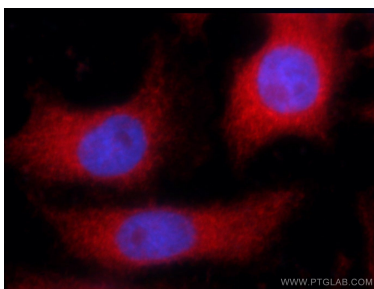
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

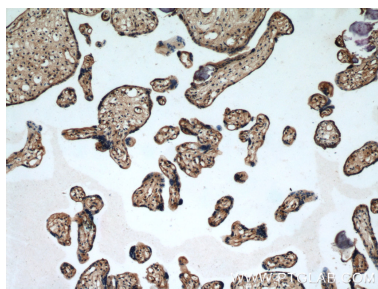
Selected Validation Data



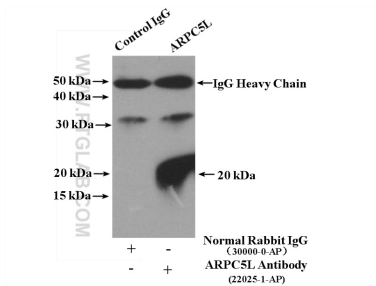
Various lysates were subjected to SDS PAGE followed by western blot with 22025-1-AP (ARPC5L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



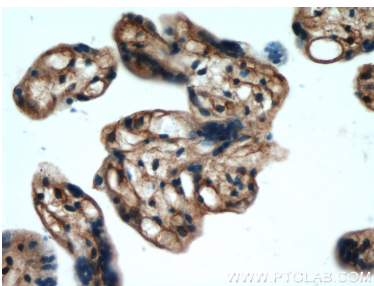
Immunofluorescent analysis of MCF-7 cells using 22025-1-AP (ARPC5L antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffin-embedded human placenta using 22025-1-AP (ARPC5L antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-ARPC5L (IP:22025-1-AP, 4ug; Detection:22025-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human placenta using 22025-1-AP (ARPC5L antibody) at dilution of 1:50 (under 40x lens).