

For Research Use Only

# ACAP1 Polyclonal antibody

Catalog Number: 20135-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

20135-1-AP

### Size:

800 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG14068

### GenBank Accession Number:

BC018543

### GeneID (NCBI):

9744

### UNIPROT ID:

Q15027

### Full Name:

ArfGAP with coiled-coil, ankyrin repeat and PH domains 1

### Calculated MW:

740 aa, 82 kDa

### Observed MW:

85 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : HL-60 cells, Jurkat cells

IHC : human lung tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

ACAP1, also named as Centaurin-beta-1, is a 740 amino acid protein, which is expressed Highly in lung and spleen. ACAP1 as a GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6) is required for clathrin-dependent export of proteins from recycling endosomes to trans-Golgi network and cell surface and required for regulated export of ITGB1 from recycling endosomes to the cell surface and ITGB1-dependent cell migration.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jian Li	26360030	Methods Cell Biol	WB,IF
Ning Wang	36051873	Comput Struct Biotechnol J	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

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

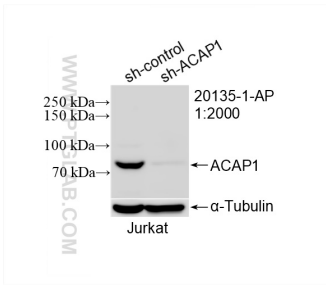
T: 4006900926

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

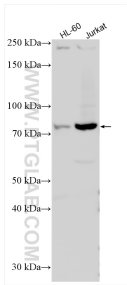
W: [ptgcn.com](http://ptgcn.com)

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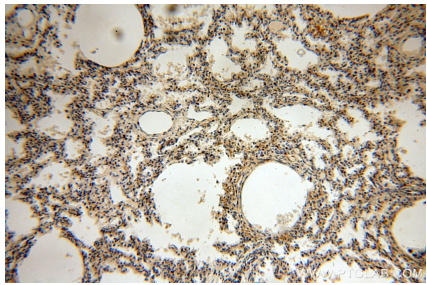
Selected Validation Data



WB result of ACAP1 antibody (20135-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACAP1 transfected Jurkat cells.



Various lysates were subjected to SDS PAGE followed by western blot with 20135-1-AP (ACAP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung using 20135-1-AP (ACAP1 antibody) at dilution of 1:100 (under 10x lens).