

For Research Use Only

ACAP1 Polyclonal antibody

Catalog Number: 20135-1-AP **2 Publications**



Basic Information

Catalog Number: 20135-1-AP	GenBank Accession Number: BC018543	Purification Method: Antigen affinity purification
Size: 300 µg/ml	GeneID (NCBI): 9744	Recommended Dilutions: WB 1:500-1:3000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q15027	
Isotype: IgG	Full Name: ArfGAP with coiled-coil, ankyrin repeat and PH domains 1	
Immunogen Catalog Number: AG14068	Calculated MW: 740 aa, 82 kDa	
	Observed MW: 85 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, WB	WB : Jurkat cells,
Species Specificity: human, mouse, rat	IHC : human lung tissue,
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

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:

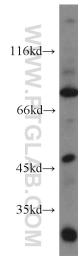
T: 4006900926

E: Proteintech-CN@ptglab.com

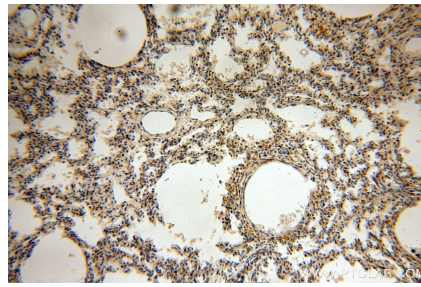
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 20135-1-AP (ACAP1 antibody) at dilution of 1:500 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).