

For Research Use Only

# ACAP1 Recombinant antibody

Catalog Number: 82967-1-RR



## Basic Information

<b>Catalog Number:</b> 82967-1-RR	<b>GenBank Accession Number:</b> BC018543	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 9744	<b>CloneNo.:</b> 230370E1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15027	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> ArfGAP with coiled-coil, ankyrin repeat and PH domains 1	
<b>Immunogen Catalog Number:</b> AG34309	<b>Calculated MW:</b> 740 aa, 82 kDa	
	<b>Observed MW:</b> 82-85 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, K-562 cells
<b>Species Specificity:</b> human	

## 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.

## 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:

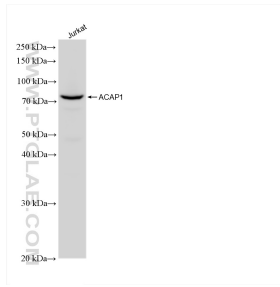
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

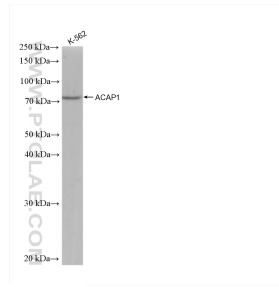
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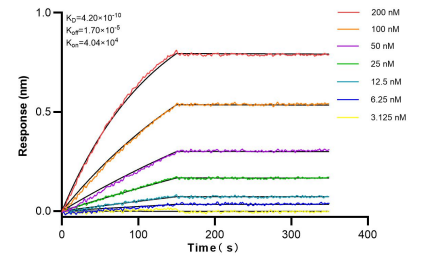
## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 82967-1-RR (ACAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



K-562 cells were subjected to SDS PAGE followed by western blot with 82967-1-RR (ACAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Bi-layer interferometry (BLI) kinetic assays of 82967-1-RR against Human ACAP1 were performed. The affinity constant is 0.42 nM.