

For Research Use Only

# RIC1 Polyclonal antibody

Catalog Number: 32377-1-AP



## Basic Information

<b>Catalog Number:</b> 32377-1-AP	<b>GenBank Accession Number:</b> BC136616	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 550 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57589	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q4ADV7	
<b>Isotype:</b> IgG	<b>Full Name:</b> KIAA1432	
<b>Immunogen Catalog Number:</b> AG36426	<b>Observed MW:</b> 150 kDa	

## Applications

<b>Tested Applications:</b> WB, IP, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> mouse pancreas tissue, rat pancreas <b>IP :</b> HeLa cells,

## Background Information

RIC1 (RAB6A GEF complex partner 1) is a protein that plays a critical role in intracellular membrane trafficking. It encodes a protein of 1056 amino acid (aa) residues, including a putative nuclear localisation sequence (PMID: 9099877). Ric1 is composed of two  $\beta$ -propellers and a C-terminal  $\alpha$ -solenoid domain that remodels the Rab6 nucleotide-binding pocket to facilitate nucleotide exchange (PMID: 39632878). RIC1 proteins play important roles in vesicular trafficking, regulation of membrane dynamics, cell division and signalling, and are essential for maintaining normal cellular function.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

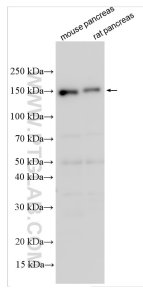
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

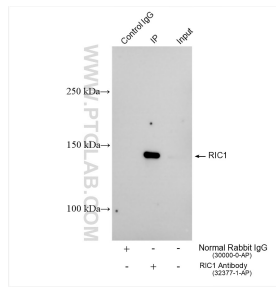
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32377-1-AP (KIAA1432 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-RIC1 (IP:32377-1-AP, 4ug; Detection:32377-1-AP 1:1000) with HeLa cells lysate 1880 ug.