

For Research Use Only

RIC1 Polyclonal antibody

Catalog Number: 32377-1-AP



Basic Information

Catalog Number:

32377-1-AP

Concentration:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36426

GenBank Accession Number:

BC136616

GeneID (NCBI):

57589

UNIPROT ID:

Q4ADV7

Full Name:

KIAA1432

Observed MW:

150 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

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

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : mouse pancreas tissue, rat pancreas

IP : 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 β -propellers and a C-terminal α -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

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

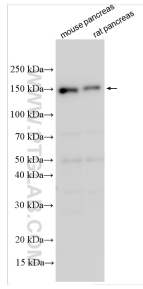
T: 4006900926

E: Proteintech-CN@ptglab.com

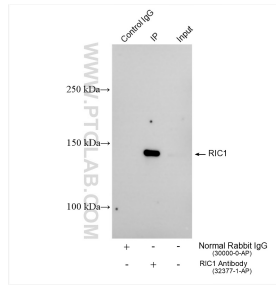
W: ptgcn.com

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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.