

For Research Use Only

RAB37 Recombinant antibody, PBS Only

Catalog Number: 83740-4-PBS



Basic Information

Catalog Number:

83740-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3717

GenBank Accession Number:

BC016615

GeneID (NCBI):

326624

UNIPROT ID:

Q96AX2

Full Name:

RAB37, member RAS oncogene family

Calculated MW:

223 aa, 25 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

240838D6

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

RAB37, as a small GTPase, plays important roles in several cellular processes through intracellular membrane traffic. RAB37 can regulate insulin secretion in β -cells 7 and TNF- α secretion from activated macrophages. In allergic responses, RAB37 regulated mast cell degranulation. RAB37 has been identified to be a tumor suppressor and it regulated exocytosis of several proteins including TIMP metalloproteinase inhibitor 1 (TIMP1), secreted frizzled-related protein-1 (SFRP1) 12, thrombospondin-1 (TSP1), and soluble ST2.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

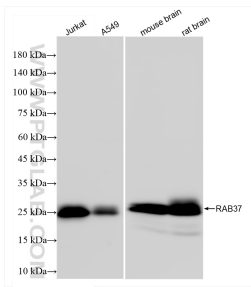
T: 4006900926

E: Proteintech-CN@ptglab.com

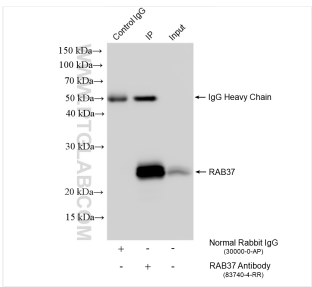
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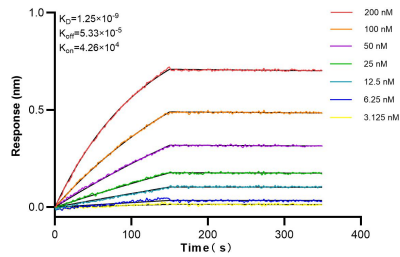
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83740-4-RR (RAB37 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83740-4-PBS in a different storage buffer formulation.



IP result of anti-RAB37 (IP:83740-4-RR, 4ug; Detection:83740-4-RR 1:2000) with mouse brain tissue lysate 1840 ug. This data was developed using the same antibody clone with 83740-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83740-4-RR against Human RAB37 were performed. The affinity constant is 1.25 nM.