

For Research Use Only

RABGGTA Recombinant antibody

Catalog Number: 86386-3-RR



Basic Information

Catalog Number:

86386-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5923

GenBank Accession Number:

BC003093

GeneID (NCBI):

5875

UNIPROT ID:

Q92696

Full Name:

Rab geranylgeranyltransferase, alpha subunit

Calculated MW:

65 kDa

Observed MW:

60-65 kDa

Purification Method:

Protein A purification

CloneNo.:

251036C3

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : RT-4 cells, U-87 MG cells, Jurkat cells

Background Information

GGTase II (RAB geranylgeranyl transferase, RABGGTase) is a heterodimer composed of tightly bound α - and β - subunits, which belongs to the Ras superfamily of small monomeric GTPases. RABGGTase is extensively involved in intracellular membrane trafficking of membrane-bound organelles and vesicles and specifically catalyses the covalent attachment of GGPP to the cysteine of a carboxyl-terminal CC or CXC motif of RAB proteins (PMID 11136552, 10737774, 35961942).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

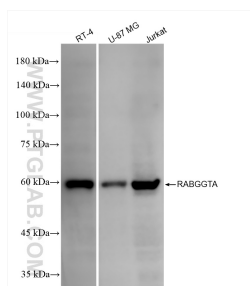
T: 4006900926

E: Proteintech-CN@ptglab.com

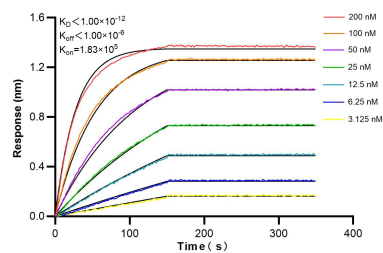
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86386-3-RR (RABGGTA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86386-3-RR against Human RABGGTA were performed. The affinity constant is below 1 pM.