

For Research Use Only

RABGGTA Recombinant antibody, PBS Only

Catalog Number: 86386-3-PBS



Basic Information

Catalog Number:

86386-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

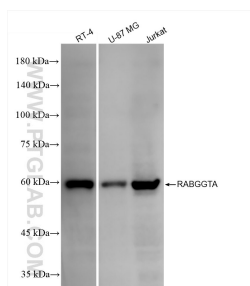
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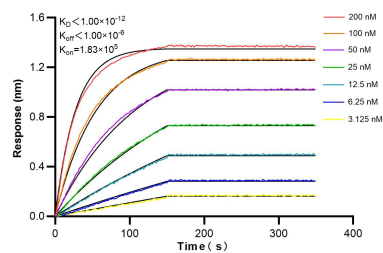
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Selected Validation Data



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. This data was developed using the same antibody clone with 86386-3-PBS in a different storage buffer formulation.



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