

For Research Use Only

RABGGTA Recombinant antibody, PBS Only

Catalog Number: 86386-3-PBS



Basic Information

Catalog Number: 86386-3-PBS	GenBank Accession Number: BC003093	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 5875	CloneNo.: 251036C3
Source: Rabbit	UNIPROT ID: Q92696	
Isotype: IgG	Full Name: Rab geranylgeranyltransferase, alpha subunit	
Immunogen Catalog Number: AG5923	Calculated MW: 65 kDa	
	Observed MW: 60-65 kDa	

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

Storage Buffer:
PBS only, pH7.3

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

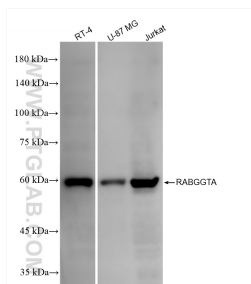
T: 4006900926

E: Proteintech-CN@ptglab.com

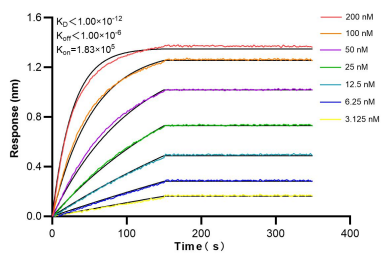
W: ptgcn.com

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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. 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.