

For Research Use Only

RABGGTA Recombinant antibody

Catalog Number: 86386-3-RR



Basic Information

Catalog Number:	86386-3-RR	GenBank Accession Number:	BC003093	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	5875	CloneNo.:	251036C3
Source:	Rabbit	UNIPROT ID:	Q92696	Recommended Dilutions:	WB: 1:5000-1:50000
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, ELISA	Positive Controls:
Species Specificity:	human	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).

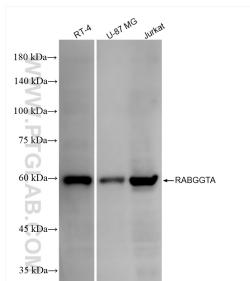
Storage

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

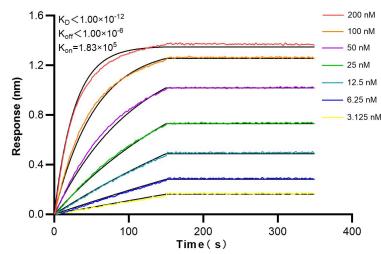
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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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.