

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
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (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.

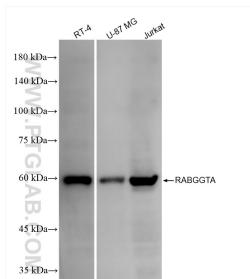
Storage Buffer:

PBS only, pH7.3

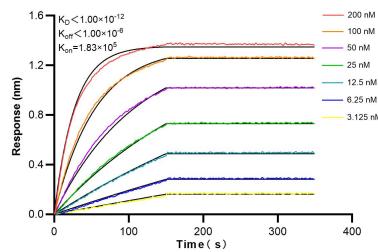
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Selected Validation Data



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.