

For Research Use Only

RAB12 Recombinant antibody

Catalog Number: 86560-1-RR



Basic Information

Catalog Number:	86560-1-RR	GenBank Accession Number:	NM_001025300	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	201475	CloneNo.:	251398D2
Source:	Rabbit	UNIPROT ID:	Q6lQ22	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	RAB12, member RAS oncogene family		
Immunogen Catalog Number:	AG31627	Calculated MW:	27KD		
		Observed MW:	27 kDa		

Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: rat brain tissue, mouse lung tissue
Species Specificity:	
human, mouse, rat	

Background Information

RAB12 belongs to the small GTPase superfamily and Rab family. RAB12 locates in Golgi apparatus membrane. Rab12, a previously uncharacterized Rab isoform, is mainly localized at TfR-positive recycling endosomes and is specifically involved in TfR degradation. Rab12 is a regulator of LRRK2 and its activation by damaged lysosomes.

Storage

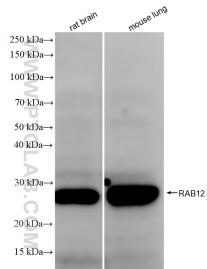
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

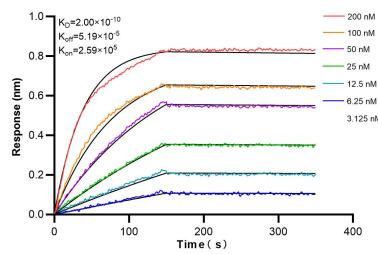
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86560-1-RR (RAB12 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86560-1-RR against Human RAB12 were performed. The affinity constant is 0.200 nM.