

## Basic Information

Catalog Number:	86560-1-PBS	GenBank Accession Number:	NM_001025300	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	201475	CloneNo.:	251398D2
Source:	Rabbit	UNIPROT ID:	Q6lQ22		
Isotype:	IgG	Full Name:	RAB12, member RAS oncogene family		
Immunogen Catalog Number:	AG31627	Calculated MW:	27KD		
		Observed MW:	27 kDa		

## Applications

### Tested Applications:

WB, Indirect ELISA

### 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:

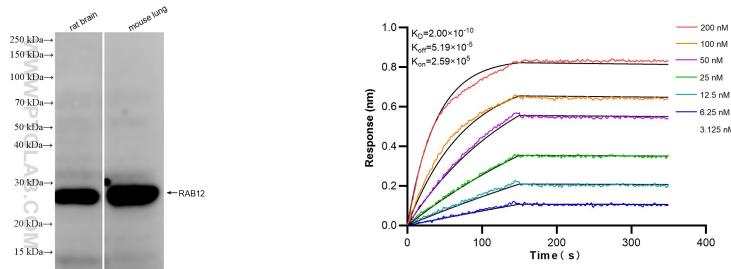
Store at -80°C.

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

### Storage Buffer:

PBS only, pH7.3

## 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. This data was developed using the same antibody clone with 86560-1-PBS in a different storage buffer formulation.

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