

For Research Use Only

RAB12 Recombinant antibody

Catalog Number: 86560-1-RR



Basic Information

Catalog Number:

86560-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31627

GenBank Accession Number:

NM_001025300

GeneID (NCBI):

201475

UNIPROT ID:

Q6IQ22

Full Name:

RAB12, member RAS oncogene family

Calculated MW:

27KD

Observed MW:

27 kDa

Purification Method:

Protein A purification

CloneNo.:

251398D2

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : rat brain tissue, mouse lung tissue

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

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

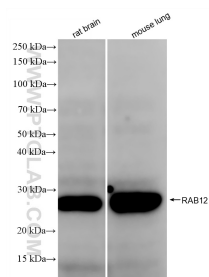
T: 4006900926

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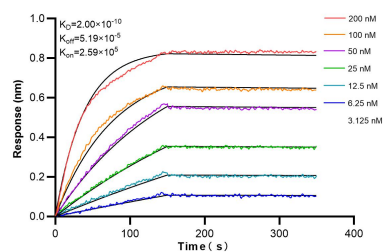
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Selected Validation Data



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.