

Anti-GTP-binding protein Rheb RHEB Antibody

Catalog Number: A00827-2

About RHEB

Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of GPR56 in the developing brain and binding to GPR56 inhibits neuronal migration and activates the RhoA pathway by coupling GPR56 to GNA13 and possibly GNA12.

Arja Lamberg, J. Biol. Chem., May 1996; 271: 11988.

GW Conrad, J. Cell Biol., Mar 1980; 84: 501.

DR Keene, J. Cell Biol., Nov 1987; 105: 2393.

HM Wang, J. Histochem. Cytochem., Nov 1980; 28: 1215.

Overview

Product Name	Anti-GTP-binding protein Rheb RHEB Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-GTP-binding protein Rheb RHEB Antibody catalog # A00827-2. Tested in WB,ICC,IF,IHC,Flow Cytometry applications. This antibody reacts with Human,Mouse.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q15382

Technical Details

Immunogen	Synthesized peptide derived from human PKC delta around the phosphorylation site of Y64.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:2,000 ICC: 1:50-1:200 IHC: 1:50-1:200 FC: 1:50-1:100

Anti-GTP-binding protein Rheb RHEB Antibody (A00827-2) Images

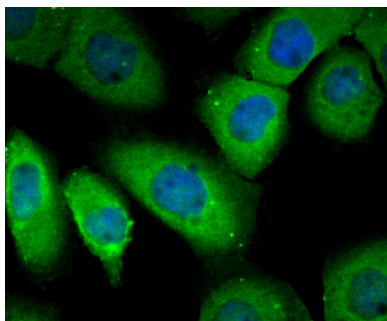


Figure 2. Immunocytochemistry staining of RHEB using Anti-GTP-binding protein Rheb RHEB Antibody (A00827-2).

ICC staining RHEB in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

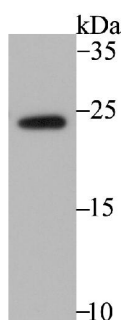


Figure 1. Western blotting validation for Anti-GTP-binding protein Rheb RHEB Antibody A00827-2

Western blot analysis of RHEB on mouse placenta tissue lysate using anti-RHEB antibody at 1/1

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