

## Anti-RAB35 Antibody (C-term)

Catalog Number: A03845-1

### About RAB35

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in the process of endocytosis and is an essential rate-limiting regulator of the fast recycling pathway back to the plasma membrane. During cytokinesis, required for the postfurrowing terminal steps, namely for intercellular bridge stability and abscission, possibly by controlling phosphatidylinositol 4,5-bis phosphate (PIP2) and SEPT2 localization at the intercellular bridge. May indirectly regulate neurite outgrowth.

### Overview

Product Name	Anti-RAB35 Antibody (C-term)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RAB35 Antibody (C-term) (Catalog # A03845-1). Tested in WB, IHC-P application(s). This antibody reacts with Human, Mouse, Rat.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q15286

### Technical Details

Immunogen	This RAB35 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 166-199 amino acids from the C-terminal region of human RAB35.
Predicted Reactive Species	Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
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.

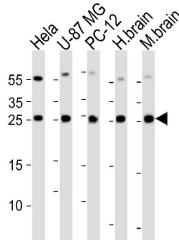
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

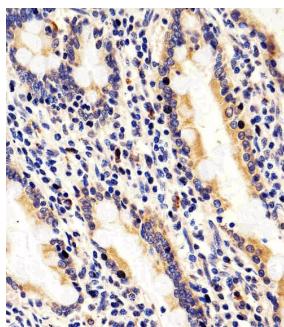
WB: 1:1000

IHC-P: 1:25

## Anti-RAB35 Antibody (C-term) (A03845-1) Images



Western blot analysis of lysates from Hela, U-87 MG, rat PC-12 cell line, huamn brain and mouse brain tissue lysate (from left to right), using RAB35 Antibody (C-term). A03845-1 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Immunohistochemical analysis of paraffin-embedded H. small intestine section using RAB35 Antibody (C-term) (Cat#A03845-1). A03845-1 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

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