

Anti-HACE1 Antibody

Catalog Number: M04757

About HACE1

E3 ubiquitin-protein ligase involved in Golgi membrane fusion and regulation of small GTPases. Acts as a regulator of Golgi membrane dynamics during the cell cycle: recruited to Golgi membrane by Rab proteins and regulates postmitotic Golgi membrane fusion. Acts by mediating ubiquitination during mitotic Golgi disassembly, ubiquitination serving as a signal for Golgi reassembly later, after cell division. Specifically interacts with GTP-bound RAC1, mediating ubiquitination and subsequent degradation of active RAC1, thereby playing a role in host defense against pathogens. May also act as a transcription regulator via its interaction with RARB.

Overview

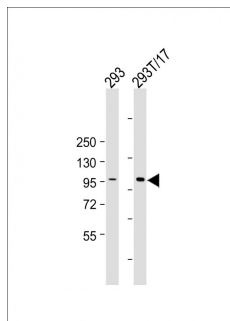
Product Name	Anti-HACE1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-HACE1 Antibody (Catalog # M04757). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 1854CT757.66.47
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (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	Mouse
Uniprot ID	Q8IYU2

Technical Details

Immunogen	This HACE1 antibody is generated from a mouse immunized with a recombinant protein from the human region of human HACE1.
Predicted Reactive Species	Bovine
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
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: 1:2000
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Anti-HACE1 Antibody (M04757) Images



All lanes : Anti-HACE1 Antibody at 1:2000 dilution

Lane 1: 293 whole cell lysate

Lane 2: 293T/17 whole cell lysate

e

Lysates/proteins at 20 µg per lane.

Secondary

Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.

Predicted band size : 102 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.

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