

DATASHEET

HACE1 Mouse Monoclonal Antibody(C3942)

CAT. NO. AMA03554

KEY FEATURES

Target	HACE1	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

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 binds 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

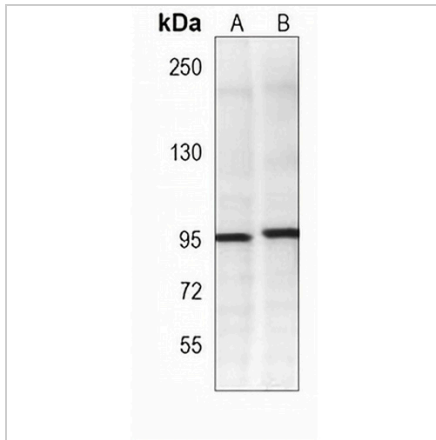
Description	Mouse monoclonal antibody to HACE1
Specificity	Recognizes endogenous levels of HACE1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human HACE1. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 102 kD; Observed: 102 kD
Form/Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1320; E3 ubiquitin-protein ligase HACE1; HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1
Gene Symbol	HACE1
Entrez Gene	57531(Human)
SwissProt	Q8IYU2(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**HACE1 Mouse Monoclonal Antibody(C3942)**

CAT. NO. AMA03554

DATA

Western blot analysis of HACE1 expression in 293 (A), 293T (B) whole cell lysates.
(Predicted band size: 102 kD; Observed band size: 102 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.