

Recombinant Human RHOB protein ab107139

2 References [画像数 1](#)

製品の詳細

製品名	Recombinant Human RHOB protein
精製度	> 90 % SDS-PAGE. ab107139 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>P62745</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMAAIRKKLVVVGDGACGKTCLL IVFSKDEF PEVYVPTVFENYVADIEVDGKQVELALWDTAGQEDYDRLRPL SYPDTDVI LMCFSVDSPDSLENIPEKWPEVKHFPCNPVPIILVANKKDLR SDEHVRTE LARMKQEPVRTDDGRAMAVRIQAYDYLECSAKTKEGVREVF TATRAALQ KRYGSQNGCINCC
予測される分子量	24 kDa including tags
領域	1 to 193
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab107139** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
	Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0308% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

関連情報

機能

Mediates apoptosis in neoplastically transformed cells after DNA damage. Not essential for development but affects cell adhesion and growth factor signaling in transformed cells. Plays a negative role in tumorigenesis as deletion causes tumor formation. Involved in intracellular protein trafficking of a number of proteins. Targets PKN1 to endosomes and is involved in trafficking of the EGF receptor from late endosomes to lysosomes. Also required for stability and nuclear trafficking of AKT1/AKT which promotes endothelial cell survival during vascular development.

配列類似性

Belongs to the small GTPase superfamily. Rho family.

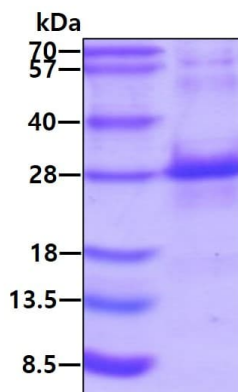
翻訳後修飾

Prenylation specifies the subcellular location of RHOB. The farnesylated form is localized to the plasma membrane while the geranylgeranylated form is localized to the endosome.

細胞内局在

Late endosome membrane. Cell membrane. Nucleus. Late endosomal membrane (geranylgeranylated form). Plasma membrane (farnesylated form). Also detected at the nuclear margin and in the nucleus.

画像



SDS-PAGE analysis of ab107139 (3 µg) under reducing conditions and visualized by coomassie blue stain.

SDS-PAGE - Recombinant Human RHOB protein
(ab107139)

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