

Recombinant Human RHOB protein ab107139

2 References 1 图像

描述		
产品名称	重组人RHOB蛋白	
纯度	> 90 % SDS-PAGE. ab107139 is purified using conventional chromatography techniques.	
表达系统	Escherichia coli	
Accession	<u>P62745</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	MGSSHHHHHHSSGLVPRGSHMAAIRKKLVVVGDGACGKTCLL IVFSKDEF PEVYVPTVFENYVADIEVDGKQVELALWDTAGQEDYDRLRPL SYPDTDVI LMCFSDSPDSLENIPEKWVPEVKHFPCNPVIILVANKKDLR SDEHVRTE LARMKQEPVRTDDGRAMAVRIQAYDYLECSAKTKEGVREVF TATRAALQ KRYGSQNGCINCC	
预测分子量	24 kDa including tags	
氨基酸	1 to 193	
标签	His tag N-Terminus	

技术指标

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.

应用	SDS-PAGE
	Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储

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

常规信息

功能

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.

序列相似性

Belongs to the small GTPase superfamily. Rho family.

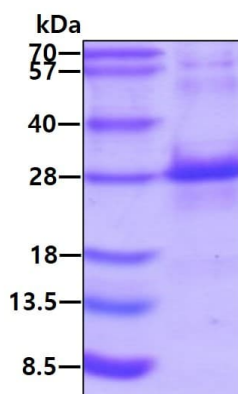
翻译后修饰

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.

细胞定位

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.

图片



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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