

Recombinant Human RALB protein ab102696

1 图像

描述	
产品名称	重组人RALB蛋白
纯度	> 90 % SDS-PAGE. ab102696 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P11234</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMGSHMAANKSKGQSSLALHK VIMVGSGGVG KSALTQLQFMYDEFVEDYEPTKADSYRKKVVLDGEEVQIDILD TAGQEDYA AIRDNYFRSGEGFLLVFSITEHESFTATAEFREQILRVKAE DKIPLLVV GNKSDLEERRQVPVEEARSKAEEWGVQYVETSAKTRANVDKV FFDLMREI RTKKMSENKDKNGKKSSKNKKSFKERC
预测分子量	26 kDa including tags
氨基酸	1 to 203
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab102696 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: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能

Multifunctional GTPase involved in a variety of cellular processes including gene expression, cell migration, cell proliferation, oncogenic transformation and membrane trafficking. Accomplishes its multiple functions by interacting with distinct downstream effectors. Acts as a GTP sensor for GTP-dependent exocytosis of dense core vesicles. Required both to stabilize the assembly of the exocyst complex and to localize functional exocyst complexes to the leading edge of migrating cells. Plays a role in the late stages of cytokinesis and is required for the abscission of the bridge joining the sister cells emerging from mitosis. Required for suppression of apoptosis.

序列相似性

Belongs to the small GTPase superfamily. Ras family.

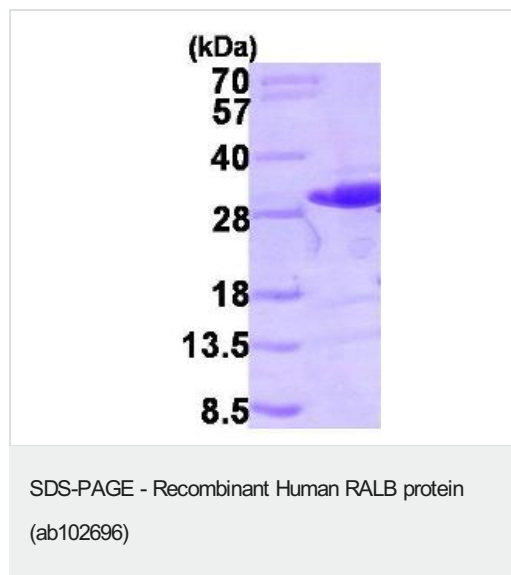
翻译后修饰

Prenylation is essential for membrane localization. The geranylgeranylated form and the farnesylated mutant does not undergo alternative prenylation in response to geranylgeranyltransferase I inhibitors (GGTIs) and farnesyltransferase I inhibitors (FTIs).

细胞定位

Cell membrane. During late cytokinesis localizes at the midbody.

图片



15% SDS-PAGE analysis of 3µg ab102696.

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