

Recombinant human ROCK2 protein ab125828

2 图像

描述	
产品名称	重组人ROCK2蛋白
生物活性	The specific activity of ab125828 was determined to be 605 nmol/min/mg.
纯度	> 95 % Densitometry. Purity was determined to be >95% by densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>O75116</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	66 kDa including tags
氨基酸	5 to 554
标签	His tag N-Terminus

技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab125828 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot Functional Studies SDS-PAGE
形式	Liquid
补充说明	<u>ab204880</u> (RPS6 peptide) can be utilized as a substrate for assessing kinase activity

制备和贮存	
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.002% PMSF, 0.71% Sodium phosphate, 0.004% DTT, 25% Glycerol (glycerin,

glycerine), 1.75% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

常规信息

功能

Regulates the assembly of the actin cytoskeleton. Promotes formation of stress fibers and of focal adhesion complexes. Plays a role in smooth muscle contraction.

序列相似性

Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.

Contains 1 AGC-kinase C-terminal domain.

Contains 1 PH domain.

Contains 1 phorbol-ester/DAG-type zinc finger.

Contains 1 protein kinase domain.

Contains 1 REM (Hr1) repeat.

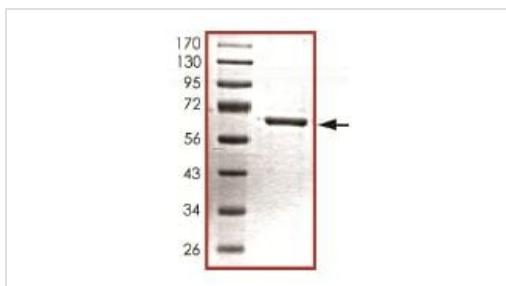
翻译后修饰

Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位

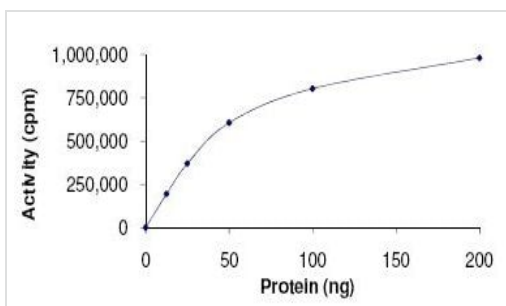
Cytoplasm. Cell membrane. Cytoplasmic, and associated with actin microfilaments and the plasma membrane.

图片



SDS-PAGE analysis of ab125828.

SDS-PAGE - Recombinant human ROCK2 protein
(ab125828)



The specific activity of ab125828 was determined to be 605 nmol/min/mg.

Functional Studies - Recombinant human ROCK2
protein (ab125828)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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