abcam

Product datasheet

Recombinant Mouse MYL9 protein ab60014

1 图像

描述

产品名称 重组小鼠MYL9蛋白

纯**度** > 95 % Densitometry.

表达系统 Escherichia coli

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Mouse

技术指标

Our Abpromise guarantee covers the use of ab60014 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

形式 Liquid

补充说明 ab60014 (Mouse MYL9 full length protein) can be utilized as a substrate for the following active

protein Kinases:

ab55674 (Active human Myosin light chain kinase protein fragment)

<u>ab84799</u> (Active human MYLK3 full length protein) <u>ab84800</u> (Active human MYLK2 full length protein)

<u>ab89742</u> (Active human DAP Kinase 2 full length protein) <u>ab190995</u> (Active human MYLK4 full length protein)

制备和贮存

稳**定性和存储** Shipped on dry ice. Upon delivery aliquot and store at -80℃. Avoid freeze / thaw cycles.

pH: 7.50

Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin,

glycerine), 0.87% Sodium chloride

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常规信息

功能 Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and

nonmuscle cell contractile activity via its phosphorylation. Implicated in cytokinesis, receptor

capping, and cell locomotion.

组织特异性 Smooth muscle tissues and in some, but not all, nonmuscle cells.

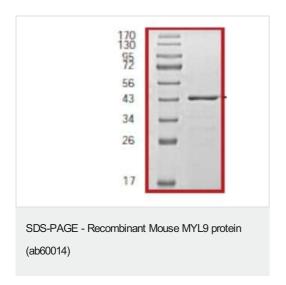
序列相似性 Contains 3 EF-hand domains.

翻译后修饰 Phosphorylation increases the actin-activated myosin ATPase activity and thereby regulates the

contractile activity. It is required to generate the driving force in the migration of the cells but not

necessary for localization of myosin-2 at the leading edge.

图片



ab60014 on SDS-PAGE.

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