

Product datasheet

Anti-FOXK1 antibody ab21935

1 图像

概述

产品名称	Anti-FOXK1抗体
描述	小鼠多克隆抗体to FOXK1
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Fusion protein: KRRQRGVSCFRTPFGPLSSRSAPASPTHPLMSPRSGGLQTPECLSREGS PIPHDPEFGSKLASVPEYRYSQSAPGSPVSAQPVIMAVPPRPSSLVAKPV , corresponding to amino acids 279/378 of Human MNF. <div style="text-align: right;"> Run BLAST with Run BLAST with </div>

常规说明

Produced from outbred CD1 mice

This antibody was raised by a genetic immunization technique. Genetic immunization can be used to generate antibodies by directly delivering antigen-coding DNA into the animal, rather than injecting a protein or peptide (Tang *et al.* [PubMed: 1545867](#); Chambers and Johnston [PubMed: 12910245](#); Barry and Johnston [PubMed: 9234514](#)). The animal's cells produce the protein, which stimulates the animal's immune system to produce antibodies against that particular protein. A vector coding for a partial fusion protein was used for genetic immunisation of a mouse and the resulting serum was tested in Western blot against an *E.coli* lysate containing that partial fusion protein. Genetic immunization offers enormous advantages over the traditional protein-based immunization method. DNA is faster, cheaper and easier to produce and can be produced by standard techniques readily amenable to automation. Furthermore, the antibodies generated by genetic immunization are usually of superior quality with regard to specificity, affinity and recognizing the native protein.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Constituents: 50% Glycerol
纯度	Whole antiserum

Primary antibody说明

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克隆

多克隆

同种型

IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab21935** in the following tested applications.

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

应用	Ab 评论	说明
WB		1/1000. Predicted molecular weight: 66 kDa. This antibody has been tested in Western blot against an <i>E.coli</i> lysate containing the partial recombinant fusion protein used as an immunogen. We have no data on detection of endogenous protein.

靶标

功能

Transcriptional regulator that binds to the upstream enhancer region (CCAC box) of myoglobin gene. Has a role in myogenic differentiation and in remodeling processes of adult muscles that occur in response to physiological stimuli.

组织特异性

Expressed both developing and adult tissues. In adults, significant expression is seen in tumors of the brain, colon and lymph node.

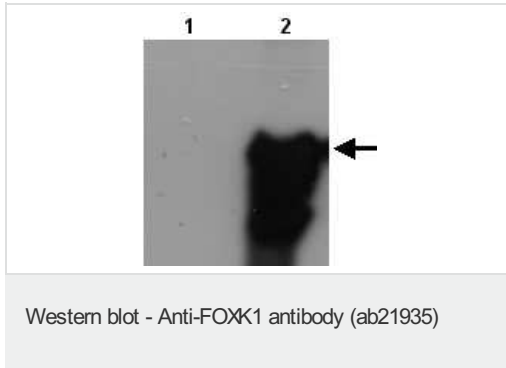
序列相似性

Contains 1 FHA domain.
Contains 1 fork-head DNA-binding domain.

细胞定位

Nucleus.

图片



All lanes : Anti-FOXK1 antibody (ab21935) at 1/1000 dilution

Lane 1 : Total protein extract from E. coli with ~50ng to 100ng of a negative control fusion protein with an irrelevant antigen at 20 ug

Lane 2 : Total protein extract from E. coli with ~50ng to 500ng of the antigen fusion protein at 20 ug

Secondary

All lanes : Rabbit anti-mouse IgG + IgM, (H+L) horseradish peroxidase conjugated at 1/5000 dilution

Predicted band size: 66 kDa

The molecular weight of the band on the western blot does not correspond to the predicted band size above (predicted from the molecular weight of the natural protein) because of the additional mass of the fusion and because the fusion protein only contains a partial fragment of the gene.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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