abcam

Product datasheet

Anti-MAN1 antibody ab124148

2 References 2 图像

概述

产品名称	Anti-MAN1抗体
描述	兔多克隆抗体to MAN1
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P
种属反应性	**与反应:** Mouse, Human
免疫原	Synthetic peptide corresponding to 18 amino acids near the C-terminus of Human MAN1 (NP_055134).
阳性对照	Human colon tissue lysate

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	Preservative: 0.02% Sodium azide Constituent: 99% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab124148于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 100 kDa.

应用	Ab评论	说明
IHC-P		Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

靶标

功能

Can function as a specific repressor of TGF-beta, activin, and BMP signaling through its interaction with the R-SMAD proteins. Antagonizes TGF-beta-induced cell proliferation arrest.

组织特异性

Heart, brain, placenta, lung, liver and skeletal muscle.

疾病相关

Defects in LEMD3 are the cause of Buschke-Ollendorff syndrome (BOS) [MIM:166700]; also known as dermatoosteopoikilosis or disseminated dermatofibrosis with osteopoikilosis or dermatofibrosis lenticularis disseminata with osteopoikilosis or osteopathia condensans disseminata. BOS refers to the association of osteopoikilosis with disseminated connective-tissue nevi. Osteopoikilosis is a skeletal dysplasia characterized by a symmetric but unequal distribution of multiple hyperostotic areas in different parts of the skeleton. Both elastic-type nevi (juvenile elastoma) and collagen-type nevi (dermatofibrosis lenticularis disseminata) have been described in BOS. Skin or bony lesions can be absent in some family members, whereas other relatives may have both.
Defects in LEMD3 are a cause of melorheostosis (MEL) [MIM:155950]. Melorheostosis is a rare mesenchymal dysplasia and one of the sclerosing bone disorders. It is caused by a developmental error, with a sclerotomal distribution, frequently involving one limb. It may be asymptomatic, but pain, stiffness with limitation of motion, leg-length discrepancy and limb deformity may occur.

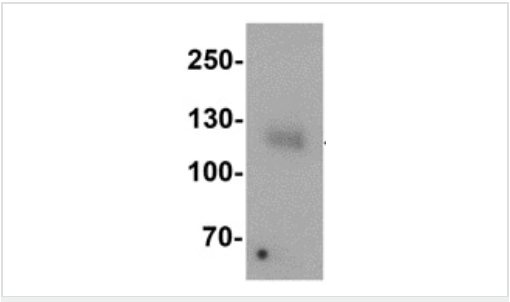
序列相似性

Contains 1 LEM domain.

细胞定位

Nucleus inner membrane.

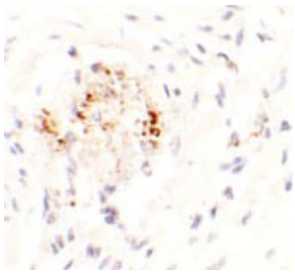
图片



Western blot - Anti-MAN1 antibody (ab124148)

Anti-MAN1 antibody (ab124148) at 2 µg/ml + Human colon tissue lysate at 15 µg

Predicted band size: 100 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAN1 antibody (ab124148)

Immunohistochemical analysis of Human colon tissue, staining MAN1 with ab124148 at 2.5 µg/ml.

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