

Anti-Myocilin antibody ab41552

11 References **1 图像**

概述

产品名称	Anti-Myocilin抗体
描述	兔多克隆抗体to Myocilin
宿主	Rabbit
特异性	The antibody does not cross react with any other protein in RPE cells.
经测试应用	适用于: IHC-P, WB, IP
种属反应性	与反应: Mouse, Rat, Human, Monkey
免疫原	Synthetic peptide: CLVWDVGARTAQLRKANDQSGR conjugated to KLH, corresponding to N terminal amino acids 25/46 of Myocilin

 [Run BLAST with](#)

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常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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 or -80°C. Avoid freeze / thaw cycle.
纯度	Protein A purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab41552于以下的经测试应用

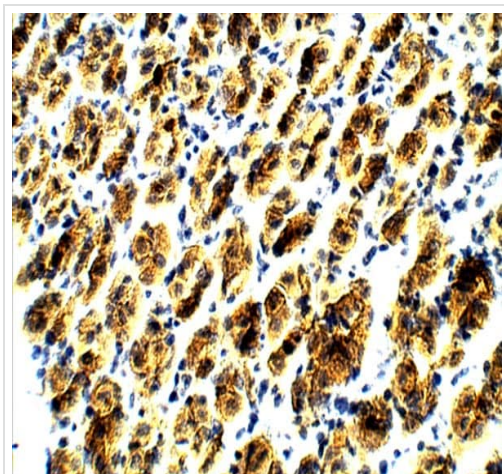
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/200.
WB		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

靶标

功能	May participate in the obstruction of fluid outflow in the trabecular meshwork.
组织特异性	Expressed in large amounts in various types of muscle, ciliary body, papillary sphincter, skeletal muscle, heart and other tissues. Expressed predominantly in the retina. In normal eyes, found in the inner uveal meshwork region and the anterior portion of the meshwork. In contrast, in many glaucomatous eyes, it is found in more regions of the meshwork and appeared more intensively than in normal eyes, regardless of the type or clinical severity of glaucoma.
疾病相关	<p>Defects in MYOC are the cause of primary open angle glaucoma type 1A (GLC1A) [MIM:137750]. Primary open angle glaucoma (POAG) is characterized by a specific pattern of optic nerve and visual field defects. The angle of the anterior chamber of the eye is open, and usually the intraocular pressure is increased. The disease is asymptomatic until the late stages, by which time significant and irreversible optic nerve damage has already taken place.</p> <p>Defects in MYOC may also contribute to primary congenital glaucoma type 3A (GLC3A) [MIM:231300]. Defects in MYOC may contribute to this phenotype via digenic inheritance. GLC3A is an autosomal recessive form of primary congenital glaucoma (PCG). PCG is characterized by marked increase of intraocular pressure at birth or early childhood, large ocular globes (buphthalmos) and corneal edema. It results from developmental defects of the trabecular meshwork and anterior chamber angle of the eye that prevent adequate drainage of aqueous humor.</p>
序列相似性	Contains 1 olfactomedin-like domain.
翻译后修饰	<p>Different isoforms may arise by post-translational modifications.</p> <p>Glycosylated.</p> <p>Palmitoylated.</p>
细胞定位	Rough endoplasmic reticulum. Secreted. Cell projection > cilium. Located preferentially in the ciliary rootlet and basal body of the connecting cilium of photoreceptor cells, and in the rough endoplasmic reticulum. Also secreted.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myocilin antibody (ab41552)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse stomach tissue labelling Myocilin with ab41552 at a dilution of 1/50. Counterstained with hematoxylin (blue). 40X magnification.

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

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