

Product datasheet

Anti-LTBP2 antibody ab121193

3 References 1 图像

概述

产品名称	Anti-LTBP2抗体
描述	兔多克隆抗体to LTBP2
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	antigen sequence, corresponding to internal sequence amino acids 241-376 of Human LTBP2.
阳性对照	Human prostate tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab121193** in the following tested applications.

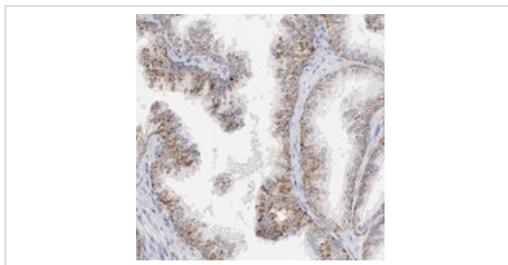
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		1/800. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	May play an integral structural role in elastic-fiber architectural organization and/or assembly.
组织特异性	Expressed in lung, weakly expressed in heart, placenta, liver and skeletal muscle.
疾病相关	Defects in LTBP2 are the cause of primary congenital glaucoma type 3D (GLC3D) [MIM:613086]. 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. Defects in LTBP2 are the cause of microspherophakia (MCSPH) [MIM:251750]. It is a rare disease characterized by smaller and more spherical lenses than normal bilaterally, an increased anteroposterior thickness of the lens and highly myopic eyes. Lens dislocation or subluxation may occur, leading to defective accommodation.
序列相似性	Belongs to the LTBP family. Contains 20 EGF-like domains. Contains 4 TB (TGF-beta binding) domains.
结构域	Associates covalently with small latent TGF-beta complex via Repeat B and Repeat C.
翻译后修饰	Contains hydroxylated asparagine residues.
细胞定位	Secreted. Localized in nuchal ligament and aorta to the fibrillin-containing, microfibrillar component of elastic fibers.

图片



ab121193 at 1/800 dilution staining LTBP2 in Paraffin-embedded Human Prostate tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LTBP2 antibody (ab121193)

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