


# Anti-CRYBA4 antibody ab97771

## 2 图像

### 概述

产品名称	Anti-CRYBA4抗体
描述	兔多克隆抗体to CRYBA4
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Guinea pig, Cow, Dog, Pig, Monkey 
免疫原	Recombinant protein fragment corresponding to a region within amino acids 1 - 150 of Human CRYBA4 (NP_001877).
阳性对照	WB: 293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cell lyates IF: HeLa cells
常规说明	<p>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.</p> <p>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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
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ab97771于以下的经测试应用

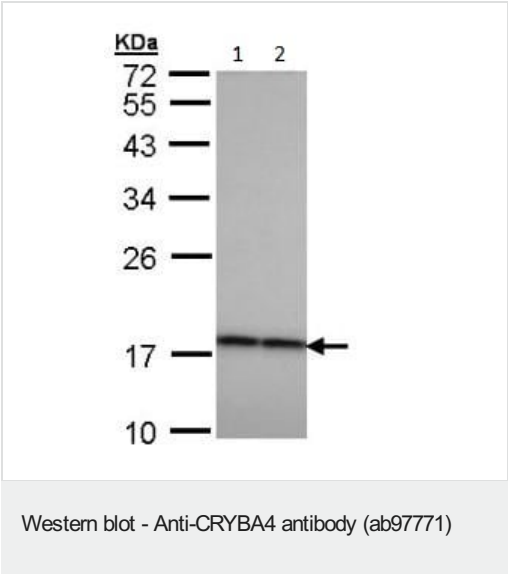
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 22 kDa.
ICC/IF		1/100 - 1/200.

靶标

功能	Crystallins are the dominant structural components of the vertebrate eye lens.
疾病相关	<p>Defects in CRYBA4 are the cause of cataract zonular type 2 (CZ2) [MIM:610425]; also known as lamellar cataract 2. A form of zonular cataract. Zonular or lamellar cataracts are opacities, broad or narrow, usually consisting of powdery white dots affecting only certain layers or zones between the cortex and nucleus of an otherwise clear lens. The opacity may be so dense as to render the entire central region of the lens completely opaque, or so translucent that vision is hardly if at all impeded. Zonular cataracts generally do not involve the embryonic nucleus, though sometimes they involve the fetal nucleus. Usually sharply separated from a clear cortex outside them, they may have projections from their outer edges known as riders or spokes.</p> <p>Defects in CRYBA4 are a cause of microphthalmia isolated with cataract type 4 (MCOPCT4) [MIM:610426]. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues. Ocular abnormalities like opacities of the cornea and lens, scarring of the retina and choroid, cataractand other abnormalities like cataract may also be present.</p>
序列相似性	<p>Belongs to the beta/gamma-crystallin family.</p> <p>Contains 4 beta/gamma crystallin 'Greek key' domains.</p>
结构域	Has a two-domain beta-structure, folded into four very similar Greek key motifs.

图片



All lanes : Anti-CRYBA4 antibody (ab97771) at 1/1000 dilution

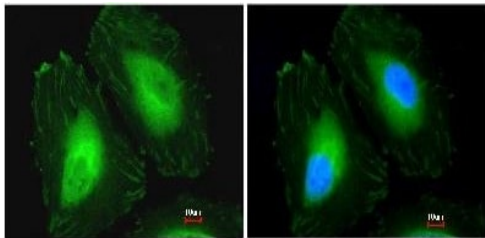
Lane 1 : H1299 whole cell lysate

Lane 2 : HeLa whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 22 kDa

12% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-CRYBA4 antibody (ab97771)

ab97771, at a 1/200 dilution, staining CRYBA4 in paraformaldehyde-fixed HeLa by Immunofluorescence analysis. Right image is merged with a DNA probe.

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

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