abcam

Product datasheet

Anti-Tropomyosin antibody [TM-311] ab7785

1 Abreviews 15 References 1 图像

概述

产品名称	Anti-Tropomyosin抗体[TM-311]
描述	小鼠单克隆抗体[TM-311] to Tropomyosin
宿主	Mouse
特异性	This antibody is specific for the 36K and 39K bands (alpha isoform at 39 kDa and beta isoform at 36 kDa)of chicken gizzard tropomyosin. It is not specific for the alpha form alone. This antibody stains human fibroblast cells, and it cross-reacts with chicken fibroblast and L8 rat muscle cells.
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Purified chicken gizzard tropomyosin.
阳性对照	WB: Human heart tissue lysate.
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	TM-311
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab7785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)	1/100 - 1/200. Detects a band of approximately 49-59 kDa (predicted molecular weight: 33 kDa).

靶标

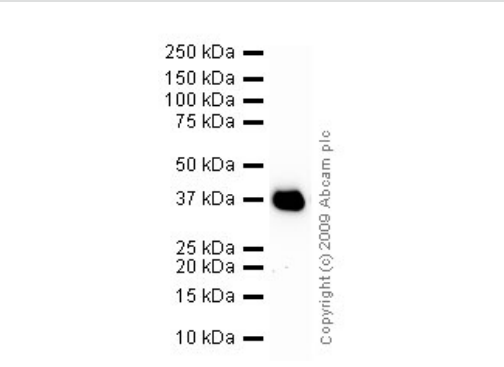
相关性

Tropomyosin is a dimeric coiled coil protein that binds along the length of actin filaments. It is associated with the thin filaments of muscle cells and the microfilaments of nonmuscle cells. Chicken embryo fibroblasts (CEF) contain five isoforms of tropomyosin (a, b, 1, 2, and 3), identified as such by their different apparent molecular masses after separation by SDS-PAGE, but similar biochemical properties, such as resistance to heat and organic solvents, the ability to bind to F actin filaments, and the lack of proline and tryptophan.

细胞定位

Cytoplasmic

图片



Western blot - Anti-Tropomyosin antibody [TM-311] (ab7785)

Anti-Tropomyosin antibody [TM-311] (ab7785) at 1/200 dilution + Human heart tissue lysate - total protein (**ab29431**) at 10 µg

Secondary

Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Predicted band size: 33 kDa

Observed band size: 37 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors