

# Anti-Sarcomeric Alpha Actinin antibody ab113086

## 4 图像

### 概述

产品名称	Anti-Sarcomeric Alpha Actinin抗体
描述	兔多克隆抗体to Sarcomeric Alpha Actinin
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Monkey, Zebrafish 
免疫原	Recombinant Human Sarcomeric Alpha Actinin.
阳性对照	Human Heart and Skeletal Muscle tissues; A431 and H1299 whole cell lysates; 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. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: Tris glycine, 10% Glycerol (glycerin, glycerine)
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ab113086于以下的经测试应用

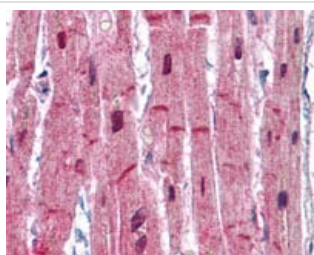
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 104 kDa.
IHC-P		Use a concentration of 10 µg/ml.
ICC/IF		1/100 - 1/200.

## 靶标

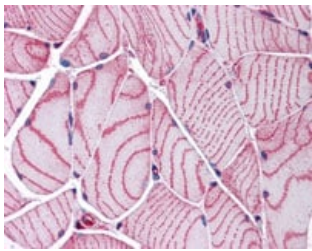
<b>功能</b>	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
<b>组织特异性</b>	Expressed in both skeletal and cardiac muscle.
<b>疾病相关</b>	Defects in ACTN2 are the cause of cardiomyopathy dilated type 1AA (CMD1AA) [MIM:612158]. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.
<b>序列相似性</b>	Belongs to the alpha-actinin family. Contains 1 actin-binding domain. Contains 2 CH (calponin-homology) domains. Contains 2 EF-hand domains. Contains 4 spectrin repeats.
<b>细胞定位</b>	Cytoplasm > myofibril > sarcomere > Z line. Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle.

## 图片



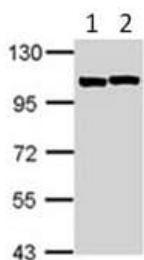
ab113086 at 10 µg/ml staining Sarcomeric Alpha Actinin in Formalin-fixed, Paraffin-embedded Human Heart tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sarcomeric Alpha Actinin antibody (ab113086)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sarcomeric Alpha Actinin antibody (ab113086)

ab113086 at 10 µg/ml staining Sarcomeric Alpha Actinin in Formalin-fixed, Paraffin-embedded Human Skeletal muscle tissue by Immunohistochemistry.



Western blot - Anti-Sarcomeric Alpha Actinin antibody (ab113086)

**All lanes** : Anti-Sarcomeric Alpha Actinin antibody (ab113086) at 1/1000 dilution

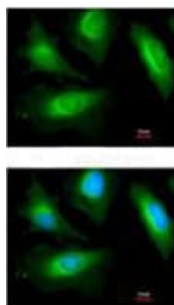
**Lane 1** : A431 whole cell lysate

**Lane 2** : H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 104 kDa

7.5% SDS PAGE.



Immunocytochemistry/ Immunofluorescence - Anti-Sarcomeric Alpha Actinin antibody (ab113086)

**ab112086** at 1/200 dilution staining Sarcomeric Alpha Actinin in Paraformaldehyde-fixed HeLa cells by Immunofluorescence. The lower image is merged with DNA probe.

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

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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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