

# Anti-Sarcomeric Alpha Actinin antibody ab72592

★★★★★ **1 Abreviews**   **28 References**   画像数 3

### 製品の概要

製品名	Anti-Sarcomeric Alpha Actinin antibody
製品の詳細	Rabbit polyclonal to Sarcomeric Alpha Actinin
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide derived from the N-terminal of human Sarcomeric Alpha Actinin.
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine), PBS</p>
精製度	Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
ポリ/モノ	Immunogen affinity purified
アイソタイプ	ポリクローナル
	IgG

### アプリケーション

The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab72592の使用に適用されます**

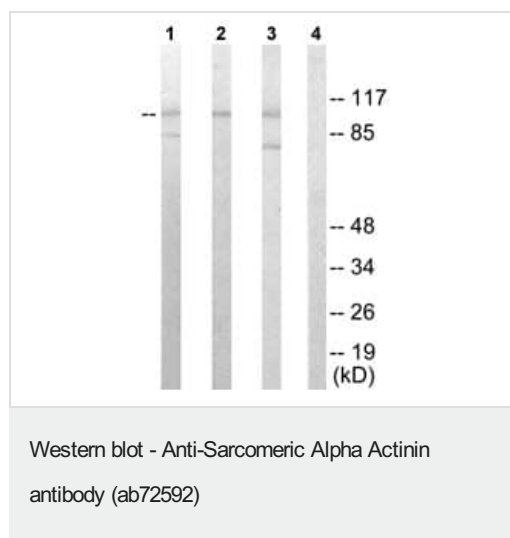
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 103 kDa (predicted molecular weight: 103 kDa).
IHC-P		1/50 - 1/100.
ICC/IF		1/500 - 1/1000.

## ターゲット情報

機能	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
組織特異性	Expressed in both skeletal and cardiac muscle.
関連疾患	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.
配列類似性	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.
細胞内局在	Cytoplasm > myofibril > sarcomere > Z line. Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle.

## 画像



**All lanes :** Anti-Sarcomeric Alpha Actinin antibody (ab72592) at 1/500 dilution

**Lane 1 :** Extracts from HeLa cells

**Lane 2 :** Extracts from HepG2 cells

**Lane 3 :** Extracts from HUVEC cells

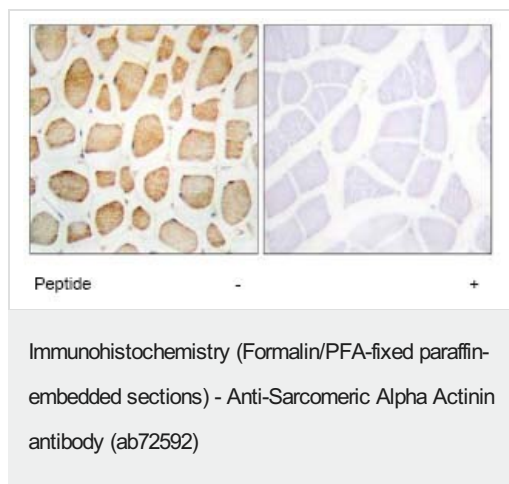
**Lane 4 :** Extracts from HUVEC cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

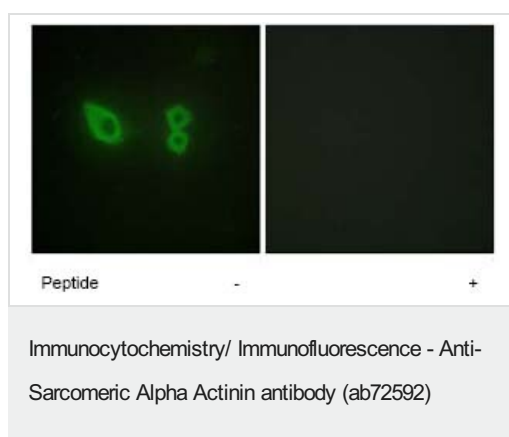
**Predicted band size:** 103 kDa

**Observed band size:** 103 kDa

**Additional bands at:** 80 kDa, 85 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using ab72592, at 1/50 dilution, in the presence (right panel) or absence (left panel) of immunising peptide.



Immunofluorescent analysis of HeLa cells using ab72592, at 1/500 dilution, in the presence (right panel) or absence (left panel) of the immunising peptide.

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

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