


# Anti-Sarcomeric Alpha Actinin antibody ab90776

★★★★★ [1 Abreviews](#) [8 References](#) [画像数 2](#)

### 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> IHC-P, WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Chicken, Cow 
免疫原	Synthetic peptide corresponding to Human Sarcomeric Alpha Actinin aa 850 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab100828</a> )
ポジティブ・コントロール	This antibody gave a positive signal in the following human tissue lysates: Skeletal Muscle; Heart.
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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.  Immunogen affinity purified

ポリモノ  
アイソタイプ

ポリクローナル  
IgG

#### アプリケーション

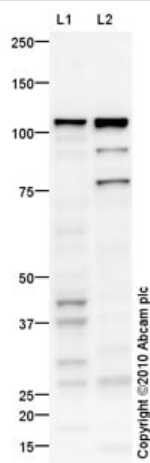
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab90776の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 µg/ml.
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 104 kDa (predicted molecular weight: 104 kDa).

#### 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



Western blot - Anti-Sarcomeric Alpha Actinin antibody (ab90776)

**All lanes :** Anti-Sarcomeric Alpha Actinin antibody (ab90776) at 1 µg/ml

**Lane 1 :** Human skeletal muscle tissue lysate - total protein (**ab29330**)

**Lane 2 :** Human heart tissue lysate - total protein (**ab29431**)

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

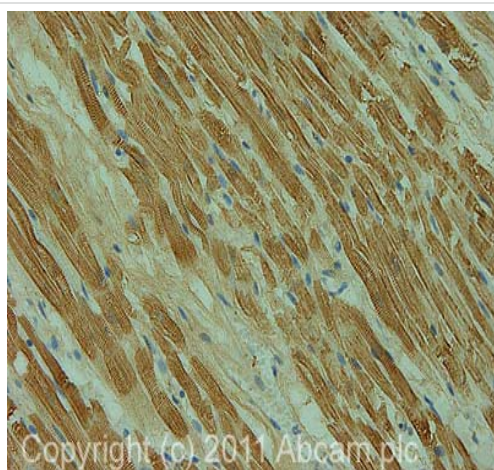
**Predicted band size:** 104 kDa

**Observed band size:** 104 kDa

**Additional bands at:** 27 kDa, 30 kDa, 45 kDa, 80 kDa, 90 kDa.

We are unsure as to the identity of these extra bands.

**Exposure time:** 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Sarcomeric Alpha Actinin antibody (ab90776)

IHC image of Sarcomeric Alpha Actinin staining in human Heart FFPE section, performed on a Bond<sup>TM</sup> system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab90776, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX

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

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