

## Product datasheet

### Anti-SPIN90 antibody ab88467

★★★★☆ [1 Abreviews](#) [1 References](#) [3 Images](#)

#### Overview

<b>Product name</b>	Anti-SPIN90 antibody
<b>Description</b>	Mouse polyclonal to SPIN90
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human
<b>Immunogen</b>	Recombinant full length protein within Human SPIN90. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><a href="#">contact</a></b> our Scientific Support team to discuss your requirements. Database link: <a href="#">NP_909119.1</a>

#### General notes

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

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Constituent: 100% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab88467 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 79 kDa (predicted molecular weight: 79 kDa).

## Target

### Function

Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo (By similarity). In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 (By similarity). May play an important role in the maintenance of sarcomeres and/or in the assembly of myofibrils into sarcomeres. Implicated in regulation of actin polymerization and cell adhesion.

### Tissue specificity

Highest expression in heart, brain, skeletal muscle, kidney and liver. Lower levels in placenta, lung, small intestine and leukocytes. Weak expression in colon, thymus and spleen.

### Involvement in disease

Note=A chromosomal aberration involving NCKIPSD/AF3p21 is found in therapy-related leukemia. Translocation t(3;11)(p21;q23) with MLL.

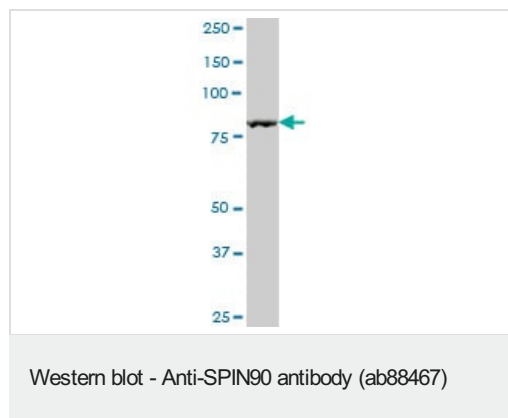
### Sequence similarities

Contains 1 SH3 domain.

### Cellular localization

Nucleus. Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes.

## Images



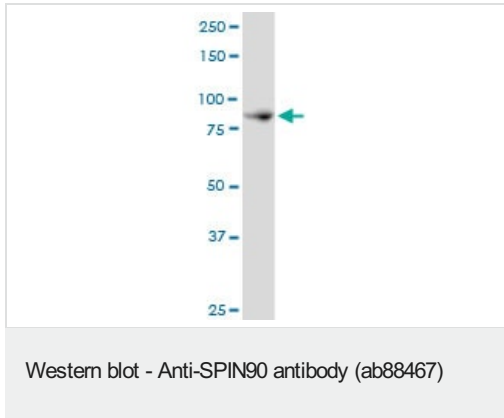
Anti-SPIN90 antibody (ab88467) at 1 µg/ml + rat brain tissue lysate at 50 µg

### Secondary

Goat anti-mouse IgG (H&L)-HRP conjugate at 1/2500 dilution

**Predicted band size:** 79 kDa

**Observed band size:** 79 kDa



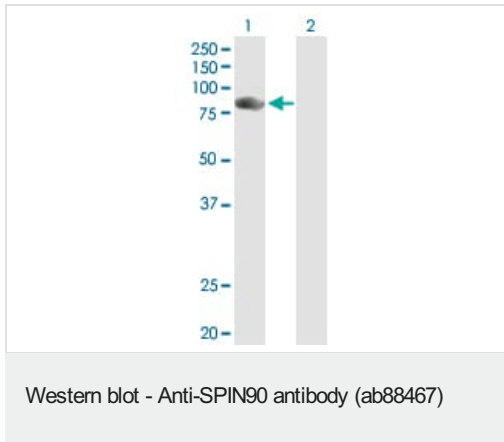
Anti-SPIN90 antibody (ab88467) at 1 µg/ml + HeLa cell lysate at 50 µg

#### Secondary

Goat anti-mouse IgG (H&L)-HRP conjugate at 1/2500 dilution

**Predicted band size:** 79 kDa

**Observed band size:** 79 kDa



**All lanes :** Anti-SPIN90 antibody (ab88467) at 1 µg/ml

**Lane 1 :** SPIN90 transfected 293T cell lysate

**Lane 2 :** Non transfected 293T cell lysate

Lysates/proteins at 50 µg per lane.

#### Secondary

**All lanes :** Goat anti-mouse IgG (H&L)-HRP conjugate at 1/2500 dilution

**Predicted band size:** 79 kDa

**Observed band size:** 79 kDa

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

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- 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

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