

## Product datasheet

# Anti-Serum Response Factor SRF (phospho S103) antibody ab53130

[5 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-Serum Response Factor SRF (phospho S103) antibody
<b>Description</b>	Rabbit polyclonal to Serum Response Factor SRF (phospho S103)
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human Serum Response Factor SRF aa 50-150 (phospho S103). Database link: <a href="#">P11831</a>
<b>General notes</b>	<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>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
	Without Mg+2 and Ca+2
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab53130 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab53130 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		1/300 - 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 52 kDa).
IHC-P		Use at an assay dependent concentration.

## Target

### Function

SRF is a transcription factor that binds to the serum response element (SRE), a short sequence of dyad symmetry located 300 bp to the 5' of the site of transcription initiation of some genes (such as FOS). Required for cardiac differentiation and maturation.

### Sequence similarities

Contains 1 MADS-box domain.

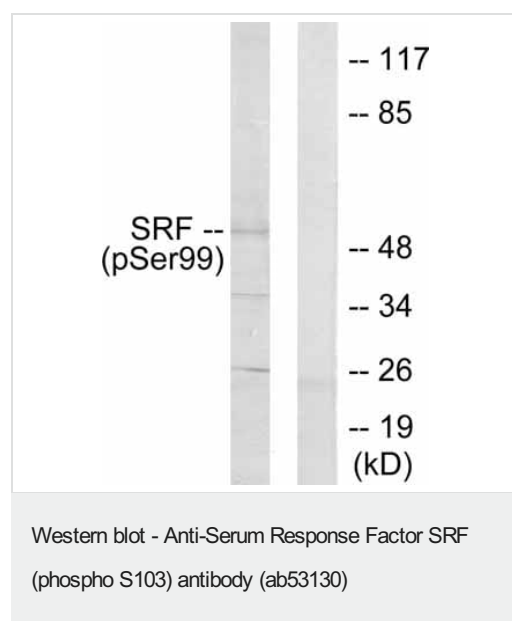
### Post-translational modifications

Phosphorylated by PRKDC.

### Cellular localization

Nucleus.

## Images



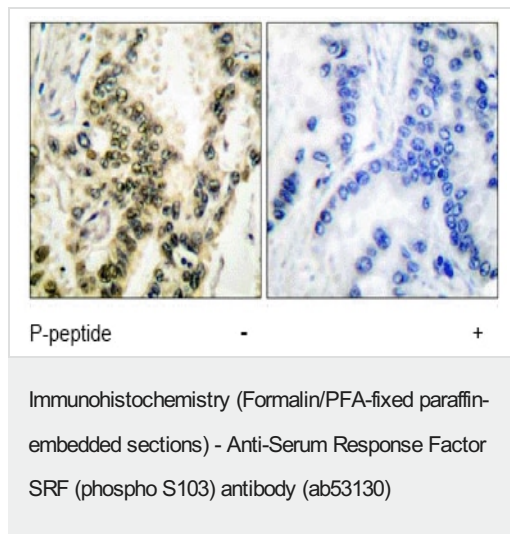
**All lanes :** Anti-Serum Response Factor SRF (phospho S103) antibody (ab53130) at 1/300 dilution

**Lane 1 :** LOVO cell extract treated with serum (20%, 15mins)

**Lane 2 :** LOVO cell extract treated with serum (20%, 15mins) with immunising peptide

**Predicted band size:** 52 kDa

**Observed band size:** 55 kDa



ab53130 at 1/50 dilution staining Serum Response Factor SRF in human lung carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence and presence of the immunising peptide.

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

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