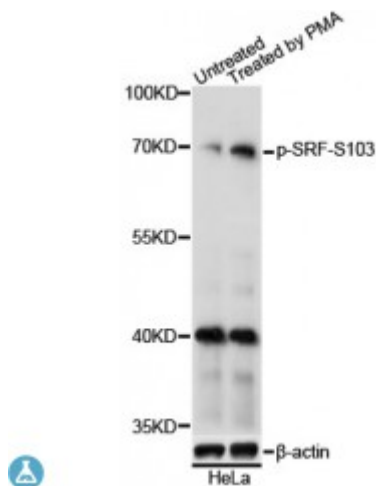


## Anti-Phospho-SRF-(S103) Antibody



### Description

This gene encodes a ubiquitous nuclear protein that stimulates both cell proliferation and differentiation. It is a member of the MADS (MCM1, Agamous, Deficiens, and SRF) box superfamily of transcription factors. This protein binds to the serum response element (SRE) in the promoter region of target genes. This protein regulates the activity of many immediate-early genes, for example c-fos, and thereby participates in cell cycle regulation, apoptosis, cell growth, and cell differentiation. This gene is the downstream target of many pathways; for example, the mitogen-activated protein kinase pathway (MAPK) that acts through the ternary complex factors (TCFs). Two transcript variants encoding different isoforms have been found for this gene.

<b>Model</b>	STJ117927
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	WB
<b>Immunogen</b>	A synthetic phosphorylated peptide around S103 of human SRF (NP_003122.1).
<b>Gene ID</b>	<a href="#">6722</a>
<b>Gene Symbol</b>	<a href="#">SRF</a>
<b>Dilution range</b>	WB 1:500 - 1:2000
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Serum response factor SRF

<b>Molecular Weight</b>	51.593 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:11291</a> <a href="#">OMIM:600589</a> <a href="#">Reactome:R-HSA-5663220</a>
<b>Alternative Names</b>	Serum response factor SRF
<b>Function</b>	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
<b>Cellular Localization</b>	Nucleus
<b>Post-translational Modifications</b>	Phosphorylated by PRKDC,