

Datasheet for ABIN745898
anti-SRF antibody (pSer103)[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µL
Target:	SRF
Binding Specificity:	pSer103
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human SRF around the phosphorylation site of Ser103
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

Target Details

Target:	SRF
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Target Details

Alternative Name:	SRF (SRF Products)
Background:	<p>Synonyms: Serum Response Factor SRF phospho S103, SRF phospho Ser103, P-SRF Ser103, c fos serum response element binding factor, Serum Response Factor SRF, c fos serum response element binding transcription factor, ELK3, ERP, MCM 1, MCM-1, MCM1, OTTHUMP00000039820, SAP2, Serum response factor, SRF, SRF serum response factor c fos serum response element binding transcription factor, SRF_HUMAN.</p> <p>Background: 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). [provided by RefSeq, Jul 2008].</p>
Gene ID:	6722

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Stern, Haverkamp, Sinske, Tedeschi, Naumann, Di Giovanni, Kochanek, Nordheim, Knöll: "The transcription factor serum response factor stimulates axon regeneration through cytoplasmic localization and cofilin interaction." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 33, Issue 48, pp. 18836-48, (2013) ([PubMed](#)).