SRF (phospho Ser103) Polyclonal Antibody

Catalog No: #13508

Package Size: #13508-1 50ul #13508-2 100ul

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	SRF (phospho Ser103) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-SRF (S103) Polyclonal Antibody detects endogenous levels of SRF protein only when phosphorylated at S103.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human SRF around the phosphorylation site of Ser99. AA range:71-120
Conjugates	Unconjugated
Other Names	SRF; Serum response factor; SRF
Accession No.	Swiss Prot:P11831GeneID:6722
SDS-PAGE MW	51
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

serum response factor(SRF) Homo sapiens 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. [provided by RefSeq, May 2014],