

SRF Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2994a**Specification**

SRF Antibody (internal region) - Product Information

Application	WB
Primary Accession	P11831
Other Accession	NP_003122.1 , 6722 , 20807 (mouse) , 501099 (rat)
Reactivity	Human
Predicted	Mouse, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	51593

SRF Antibody (internal region) - Additional Information**Gene ID** 6722**Other Names**

Serum response factor, SRF, SRF

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SRF Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SRF Antibody (internal region) - Protein Information**Name** SRF**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). Together with MRTFA transcription coactivator, controls expression of genes regulating the cytoskeleton during development, morphogenesis and cell migration. The SRF-MRTFA complex activity responds to Rho GTPase-induced changes in cellular globular actin (G- actin) concentration, thereby coupling cytoskeletal gene expression to cytoskeletal dynamics. Required

for cardiac differentiation and maturation.

Cellular Location

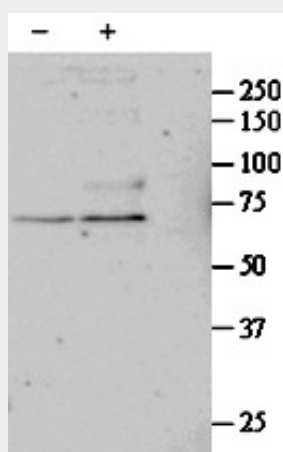
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00251, ECO:0000269|PubMed:19350017}

SRF Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SRF Antibody (internal region) - Images



AF2994a (1 µg/ml) staining of untreated (first lane) and TGF- β 1-treated (second lane) primary cultured Human Lung fibroblast lysate. Primary incubated overnight at 4C. Detected by western blot using chemiluminescence. Data kindly provided by Nickolai Dulin, Dept Medicine/Pulmonary, Chicago, USA.

SRF Antibody (internal region) - References

Downregulation of SRF-FOS-JUNB pathway in fumarate hydratase deficiency and in uterine leiomyomas. Raimundo N, Vanharanta S, Aaltonen LA, Hovatta I, Suomalainen A, Oncogene 2009 Mar 28 (9): 1261-73. PMID: 19151755