
Summary

Production Name	SRF Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC, WB, ELISA
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SRF
Alternative Names	SRF; Serum response factor; SRF
Gene ID	6722.0
SwissProt ID	P11831. The antiserum was produced against synthesized peptide derived from human SRF. AA range: 71-120

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000..
Molecular Weight	67kD

Background

Product Name: SRF Rabbit Polyclonal Antibody
Catalog #: APRab18269

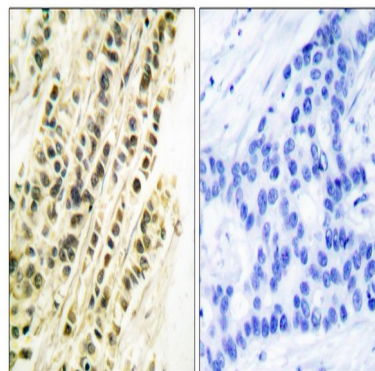


This gene encodes a ubiquitous nuclear protein that stimulates both cell proliferation and differentiation. It is a member of the MADS (MCM1, Agamous, Deficiens, and SRF) box superfamily of transcription factors. This protein binds to the serum response element (SRE) in the promoter region of target 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],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.,PTM:Phosphorylated by PRKDC.,similarity:Contains 1 MADS-box domain.,subunit:Binds DNA as a multimer, probably a dimer. Interacts with MLLT7/FOXO4, NKX3A and SSRP1. Interacts with ARID2 and SRFBP1 (By similarity). Forms complexes with ARID2, MYOCD, NKX2-5 and SRFBP1.,

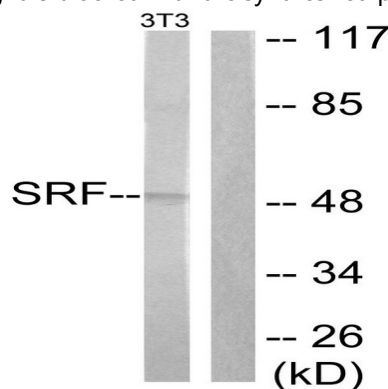
Research Area

MAPK_ERK_Growth;MAPK_G_Protein;

Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using SRF Antibody. The picture on the right is blocked with the synthesized peptide.

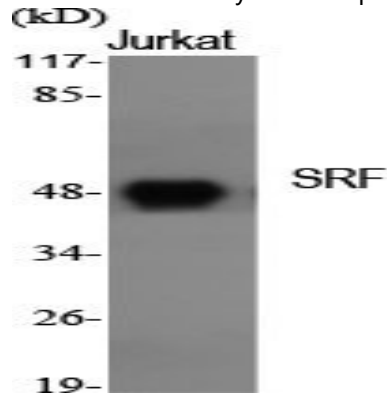


Western blot analysis of lysates from NIH/3T3 cells, treated with PMA 125ng/ml 30', using SRF Antibody. The lane on the

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right is blocked with the synthesized peptide.



Western Blot analysis of various cells using SRF Polyclonal Antibody

Note

For research use only.