



SRF Rabbit mAb

Catalog No	YP-rAb-17040
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	SRF
Protein Name	Serum response factor
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	SRF;Serum response factor;SRF ; Serum response factor ; SRF
Observed Band	67kD
Calculated Molecular Weight	52kD
Cell Pathway	Nucleus .
Tissue Specificity	Brain,Epithelium,Lung,Lymph,
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.,
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,





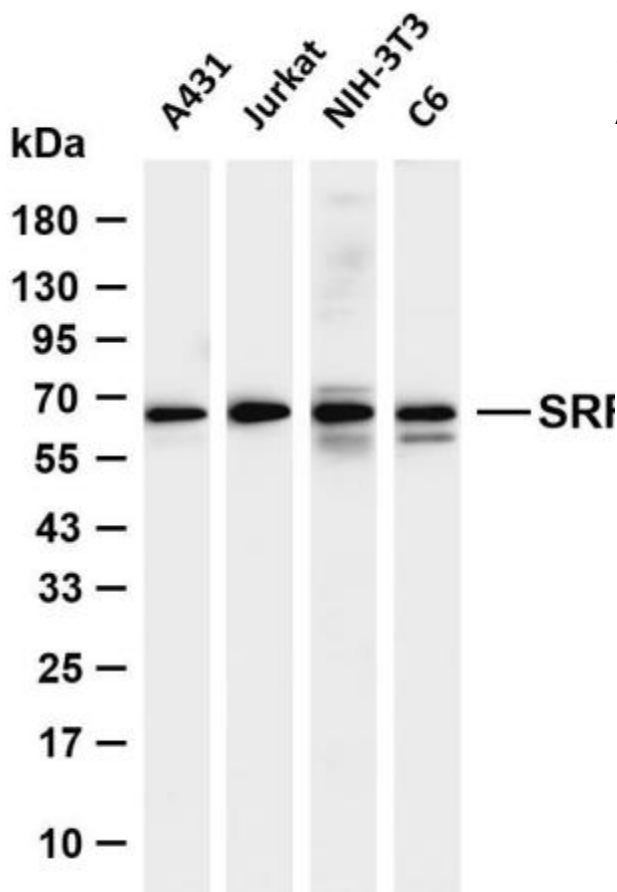
and thereby participates in cell cycle regulation, apoptosis, cell growth, and cell differentiation. This gene is the downstream target of many pathways; for example, the mitogen-activated protein kinase pathway (MAPK) that acts through the ternary complex factors (TCFs). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SRF antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: A431 Lane 2: Jurkat Lane 3: NIH-3T3 Lane 4: C6
Predicted band size: 52kDa Observed band size: 67kDa

