



SRF (phospho Ser77) rabbit pAb

Cat No.:ES7274

For research use only

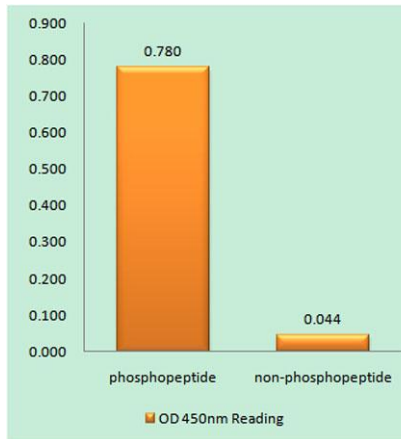
Overview

Product Name	SRF (phospho Ser77) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human SRF around the phosphorylation site of Ser77. AA range:41-90
Specificity	Phospho-SRF (S77) Polyclonal Antibody detects endogenous levels of SRF protein only when phosphorylated at S77.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Serum response factor
Gene Name	SRF
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	52kD
Human Gene ID	6722
Human Swiss-Prot Number	P11831
Alternative Names	SRF; Serum response factor; SRF
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



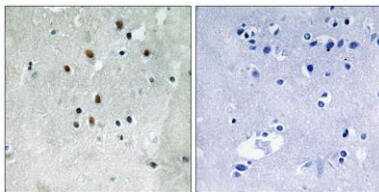


element (SRE) in the promoter region of target genes. This protein regulates the activity of many immediate-early genes, for example c-fos, and thereby participates in cell cycle regulation, apoptosis, cell growth, and cell differentiation. This gene is the downstream target of many pathways; for example, 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],



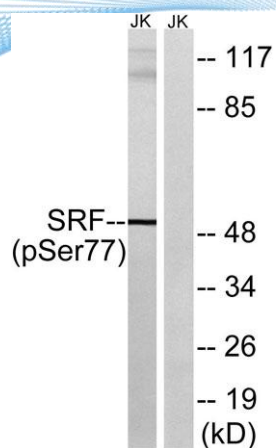
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using SRF (Phospho-Ser77) Antibody

Immunohistochemistry analysis of paraffin-embedded human brain, using SRF (Phospho-Ser77) Antibody. The picture on the right is blocked with the phospho peptide.





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Western blot analysis of lysates from Jurkat cells treated with PMA 125ng/ml 30', using SRF (Phospho-Ser77) Antibody. The lane on the right is blocked with the phospho peptide.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C