

Rabbit anti-Human, Mouse SRF Polyclonal Antibody | anti-SRF antibody

SRF (Phospho-Ser77) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305001	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

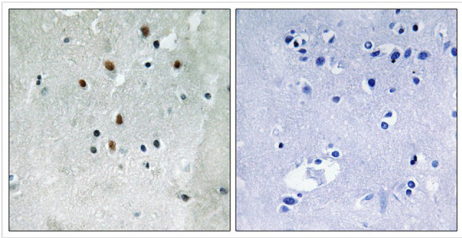
PRODUCT SYNONYMS

SRF; Polyclonal Antibody; SRF (Phospho-Ser77) Antibody; serum response factor; anti-SRF antibody

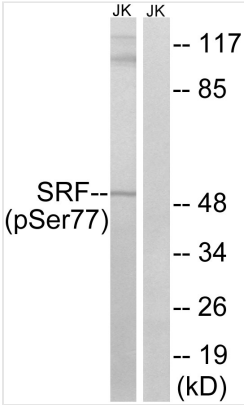
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of SRF only when phosphorylated at serine 77.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	304
Applicable Applications for anti-SRF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 77 (L-Y-S(p)-G-S) derived from Human SRF.
Modification	Phospho-Ser77
Target Name	SRF
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using SRF (Phospho-Ser77) antibody. The picture on the right is treated with the synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, treated with PMA (125ng/ml, 30mins), using SRF (Phospho-Ser77) antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SRF antibody	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.
Product Categories/Family for anti-SRF antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	635172882
NCBI GeneID	6722
NCBI Accession #	NP_001278930.1
NCBI GenBank Nucleotide #	NM_001292001.1
UniProt Accession #	P11831; Q5T648
Molecular Weight	51,593 Da
NCBI Official Full Name	serum response factor isoform 2
NCBI Official Synonym Full Names	serum response factor
NCBI Official Symbol	SRF
NCBI Official Synonym Symbols	MCM1
NCBI Protein Information	serum response factor
UniProt Protein Name	Serum response factor
UniProt Gene Name	SRF
UniProt Synonym Gene Names	SRF
UniProt Entry Name	SRF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.