SRF (Phospho-Ser77) Antibody

Catalog No: #12151

Package Size: #12151-1 50ul   #12151-2 100ul
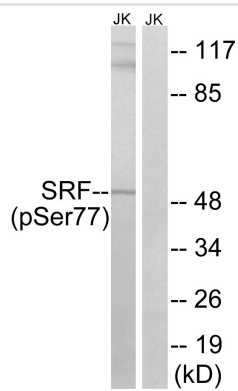
Description

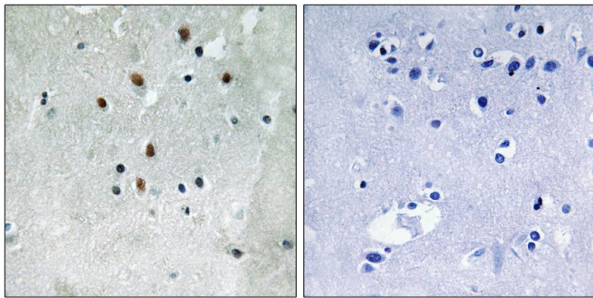|	
Product Name	SRF (Phospho-Ser77) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of SRF only when phosphorylated at serine 77.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 77 (L-Y-S(p)-G-S) derived from Human SRF.
Target Name	SRF
Modification	Phospho
Other Names	serum response factor
Accession No.	Swiss-Prot#:P11831;NCBI Gene#:6722
Uniprot	P11831
GeneID	6722;
SDS-PAGE MW	52kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images

Western blot analysis of extracts from Jurkat cells, treated with PMA (125ng/ml, 30mins), using SRF (Phospho-Ser77) antibody #12151. The lane on the right is treated with the synthesized peptide.

Immunohistochemistry analysis of paraffin-embedded human brain tissue using SRF (Phospho-Ser77) antibody #12151. The picture on the right is treated with the synthesized peptide.

Background

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.

Note: This product is for in vitro research use only