

SRF (Phospho-Ser77) Antibody

Catalog No: #12151

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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

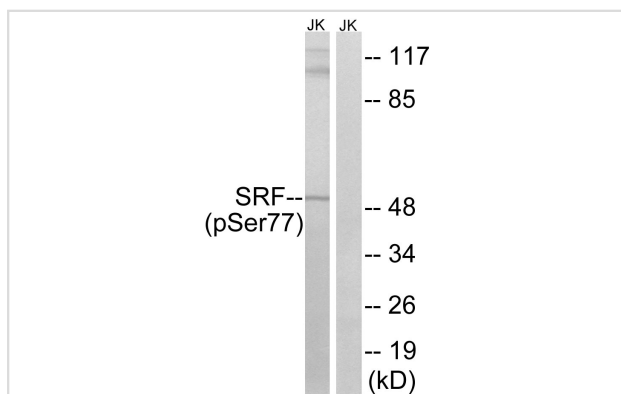
| | |
|-----------------------|--|
| Product Name | SRF (Phospho-Ser77) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography 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-Ser77 |
| Other Names | serum response factor |
| Accession No. | Swiss-Prot#:P11831;NCBI Gene#:6722 |
| SDS-PAGE MW | 52kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

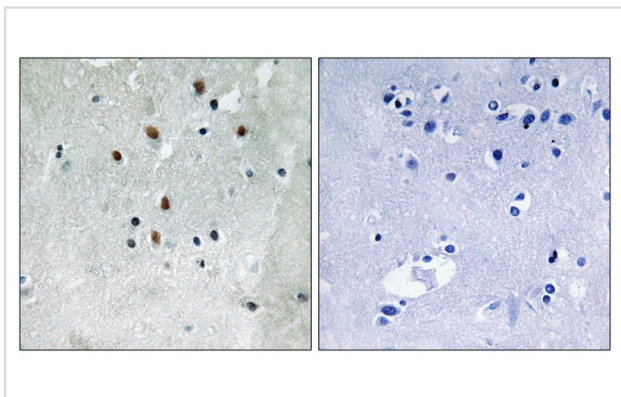
Western blotting: 1:500~1:3000

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 and is not intended for use in humans or animals.