



SRF (Phospho-Ser77) Antibody

E11-8062A**Catalog Number:** E11-8062A**Concentration:** 1mg/ml**Swiss-Prot No.:** P11831**Other Names:** serum response factor**All Sites:** Human: Ser77; Mouse: Ser73**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human SRF around the phosphorylation site of serine 77 (L-Y-S^P-G-S).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against

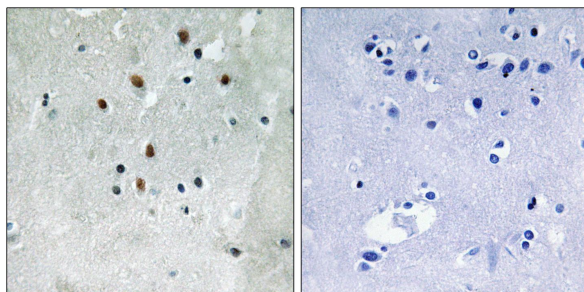
non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: SRF (Phospho-Ser77) antibody detects endogenous levels of SRF only when phosphorylated at serine 77.**Reactivity:** Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%)**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:40000**References:**

Norman C., Cell 55:989-1003(1988).

Mungall A.J., Nature 425:805-811(2003).

Mural R.J., Submitted (JUL-2005) to the EMBL/GenBank/ DDBJ databases.

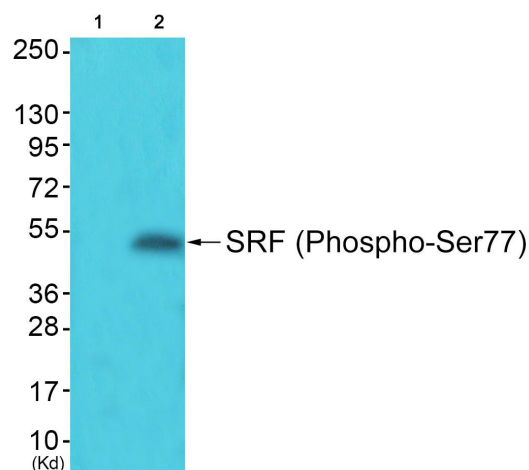


P-peptide

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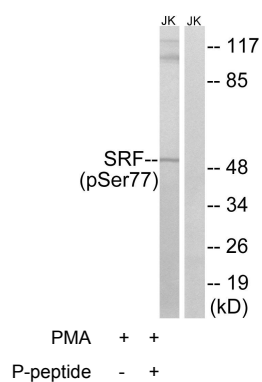
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Immunohistochemistry analysis of paraffin-embedded human brain tissue using SRF (Phospho-Ser77) antibody.



Western blot analysis using SRF (Phospho-Ser77) Antibody. Line 1: Blocking peptide; Line 2: The extracts from JK cells.

For Research Use Only



Western blot analysis of extracts from Jurkat cells, treated with PMA (125ng/ml, 30mins), using SRF (Phospho- Ser77) antibody.