

SRF Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP08559

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human SRF. AA range:41-90

Mol wt 51593

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name SRF Antibody

Synonyms SRF; Serum response factor; SRF

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

SRF (serum response factor) 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. SRF 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 SRF.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 40000

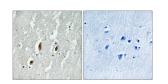
Not yet tested in other applications.

Images

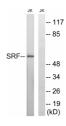


Western Blot analysis of MOUSE-BRAIN COLO cells using SRF Polyclonal Antibody diluted at

1:2000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using SRF Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, treated with insulin $0.01 \text{U/ml}\ 15$ ', using SRF Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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