SRF(Phospho Ser103) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08023
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SRF around the phosphorylation site of Ser99. AA range:71-120
Mol wt	51593
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Serum response factor
Synonyms	Serum response factor; SRF; Serum response factor; SRF

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

Background

This gene 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. This gene 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 this gene.
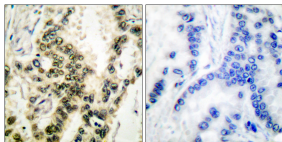
Recommended Dilution

WB: 1: 500 - 1: 2000
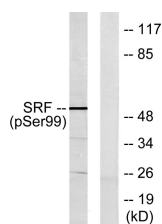
IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using SRF (Phospho-Ser99) Antibody. The picture on the right is blocked with the phospho peptide.

Western blot analysis of lysates from LOVO cells treated with Serum 10% 15', using SRF (Phospho-Ser99) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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