



Anti-SRF (aa 406-508) polyclonal antibody (DPAB-DC2961)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	SRF (AAH48211, 406 a.a. ~ 508 a.a) partial recombinant protein with GST tag. The sequence is HMMYPSPHAVMYAPTSGLGDGSLTVNAFSQAPSTMQVSHSQVQEPEGGPQVFLTASSGT VQIPVSAVQLHQMAVIGQQAGSSSNLTELQVVNLDTAHSTKSE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SRF serum response factor (c-fos serum response element-binding transcription factor) [Homo sapiens (human)]
Official Symbol	SRF
Synonyms	SRF; serum response factor (c-fos serum response element-binding transcription factor); MCM1; serum response factor;
Entrez Gene ID	6722
Protein Refseq	NP_001278930
UniProt ID	B4DU24
Chromosome Location	6p21.1
Pathway	Coregulation of Androgen receptor activity; HTLV-I infection; Heart Development; MAPK signaling pathway
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; contributes_to RNA