



# Anti-SRF (aa 200-300) polyclonal antibody (DPABH-22447)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 200 - 300 of Human Serum Response Factor SRF.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">SRF serum response factor (c-fos serum response element-binding transcription factor) [ Homo sapiens ]</a>
Official Symbol	SRF
Synonyms	SRF; serum response factor (c-fos serum response element-binding transcription factor); MCM1; serum response factor;
Entrez Gene ID	<a href="#">6722</a>
Protein Refseq	<a href="#">NP_001278930.1</a>
UniProt ID	<a href="#">B4DU24</a>
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 polymerase II core promoter sequence-specific DNA binding transcription factor activity; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity