



Anti-HSF1 (aa 420-529) polyclonal antibody (DPAB-DC1616)

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

PRODUCT INFORMATION

Antigen Description	The product of this gene is a heat-shock transcription factor. Transcription of heat-shock genes is rapidly induced after temperature stress. Hsp90, by itself and/or associated with multichaperone complexes, is a major repressor of this gene.
Immunogen	HSF1 (NP_005517, 420 a.a. ~ 529 a.a) partial recombinant protein with GST tag. The sequence is PSVTVPDMSLPDLSSLASIQELLSPQEPPRPPEAENSSPDGKQLVHYTAQPLFLDPG SVDTGSNDLPVLFELGEGSYFSEGDGFAEDPTISLLTGSEPPKAKDPTVS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), 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 [HSF1 heat shock transcription factor 1 \[Homo sapiens \(human\) \]](#)

Official Symbol	HSF1
Synonyms	HSF1; heat shock transcription factor 1; HSTF1; heat shock factor protein 1; HSF 1; HSTF 1;
Entrez Gene ID	3297
Protein Refseq	NP_005517
UniProt ID	Q00613
Chromosome Location	8q24.3
Pathway	Attenuation phase; Cellular responses to stress; HSF1-dependent transactivation; Legionellosis
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 negative regulation of transcription; RNA polymerase II