

Rabbit Anti-HSF1 Polyclonal Antibody

CPB-791RH Rabbit(HSF1)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-HSF1 Polyclonal Antibody
Antigen Description	DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked
specificity	The antibody detects endogenous level of HSF1 only when phosphorylated at serine 303.
Target	HSF1
Immunogen	Peptide sequence around phosphorylation site of serine 303 (P-P-S(p)-P-P) derived from Human HSF1.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	WB,IHC

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/ 1year

ANTIGEN GENE INFORMATION

Gene Name	HSF1 heat shock transcription factor 1 [Homo sapiens]
Official Symbol	HSF1
Synonyms	HSF1; heat shock transcription factor 1; heat shock factor protein 1; HSTF1; HSF 1; HSTF 1;
GeneID	3297
mRNA Refseq	NM_005526
Protein Refseq	NP_005517
MIM	140580
UniProt ID	Q00613
Chromosome Location	8q24.3
Pathway	Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem;
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;