

# p-HSF1 (S326) Antibody

Cat No.: SJ-AB3070



## Applications

### Reactive Species

Human

### Positive Samples

Refer to Validation Data.

### Validated Applications

WB, IHC, ICC/IF, IHF, IP, FC

### Recommended Dilution

WB 1:1000-1:2000

IHC 1:100-1:200

ICC/IF 1:50-1:200

IHF 1:50-1:200

IP 1:20-1:50

FC 1:20-1:100

## Product Information

### Antibody Type

Recombinant Rabbit mAb

### Immunogen

A synthesized peptide derived from human HSF1 around the phosphorylation site of S326.

### Modification

Phosphorylated

### Isotype

Rabbit IgG

### Clone No.

N/A

### Purification Method

Affinity purification

### Form

Liquid

### Storage Buffer

Rabbit IgG in 10mM phosphate buffered saline, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

### Storage Conditions

Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

### Host

Rabbit

### Clonality

Monoclonal

### Conjugation

Unconjugated

### Concentration

N/A

## Background Information

### Function

Functions as a stress-inducible and DNA-binding transcription factor that plays a central role in the transcriptional activation of the heat shock response (HSR), leading to the expression of a large class of molecular chaperones, heat shock proteins (HSPs), that protect cells from cellular insult damage.

### UniProt ID

Q00613

### Organism

Human

### Recommended Name

N/A

### Short Name

N/A

### Alternative Names

HSF1; HSTF 1; HSTF1; Heat shock factor protein 1; Heat shock transcription factor 1;

### Gene ID

N/A

### Gene Name

N/A

### Calculated MW

57 kDa

### Observed MW

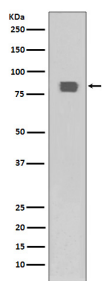
82 kDa

### Subcellular Location

N/A

## Validation Data

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Western blot analysis of Phospho-HSF1 (S326) expression in HeLa cell lysates treated with heat.

**NOTICE:** For research use only. Not for therapeutic or diagnostic purposes.

## Contact

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For technical support and original validation data for this product please contact:

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