

# Phospho-HSF1-S326 Rabbit pAb

Catalog No.: AP1189

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## Basic Information

### Observed MW

66kDa

### Calculated MW

57kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

The product of this gene is a transcription factor that is rapidly induced after temperature stress and binds heat shock promoter elements (HSE). This protein plays a role in the regulation of lifespan. Expression of this gene is repressed by phosphorylation, which promotes binding by heat shock protein 90.

## Recommended Dilutions

WB 1:100 - 1:500

## Immunogen Information

### Gene ID

3297

### Swiss Prot

Q00613

### Immunogen

A synthetic phosphorylated peptide around S326 of human HSF1 (NP\_005517.1).

### Synonyms

HSTF1; Phospho-HSF1-S326

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

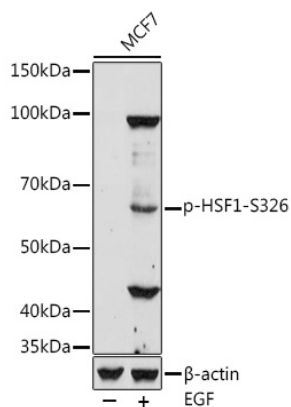
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from MCF7 cells, using Phospho-HSF1-S326 Rabbit pAb (AP1189) at 1:500 dilution. MCF7 cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.