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## Phospho-HSF1-S326 Rabbit mAb

Catalog No.: AP1140 Recombinant

## **Basic Information**

#### **Observed MW**

82kDa

#### **Calculated MW**

57kDa

### **Category**

SMab Recombinant Monoclonal Antibody

## **Applications**

WB, ELISA

## **Cross-Reactivity**

Human

#### CloneNo number

ARC1601

## **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** 1:500 - 1:1000

**ELISA** 

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID**3297

Swiss Prot
Q00613

## **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

HSTF1; Phospho-HSF1-S326

## Contact

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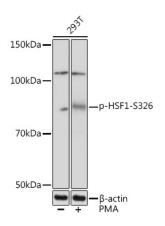
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## **Validation Data**



Western blot analysis of lysates from 293T cells, using Phospho-HSF1-S326 Rabbit mAb (AP1140) at 1:1000 dilution. 293T cells were treated with PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1min.