

Phospho-HSF1-S326 Rabbit pAb

Catalog No.: AP1189

1 Publications

Basic Information

Observed MW

66kDa

Calculated MW

57kDa

Category

Primary antibody

Applications

WB, ELISA

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

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

Source

Rabbit

Isotype

IgG

Purification

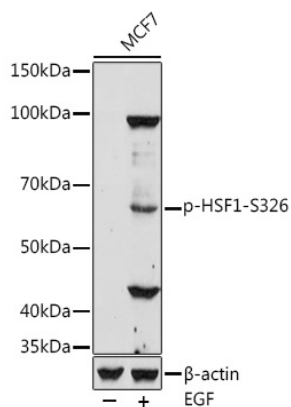
Affinity purification

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 with EGF (100 ng/ml) 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% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.