

# Anti-Phospho-HSF1 (S307) Rabbit Polyclonal Antibody



**Catalog #: U0638**

## Aliases

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

## Background

Gene Name: HSF1

NCBI Gene Entry: [3297](#)

UniProt Entry: [Q00613](#)

## Application Information

Molecular Weight: Predicted, 57 kDa; observed, 82 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human Phospho-HSF1 (S307)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:100-1:500

**Note:** This product is for research use only.

## Validation Data

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
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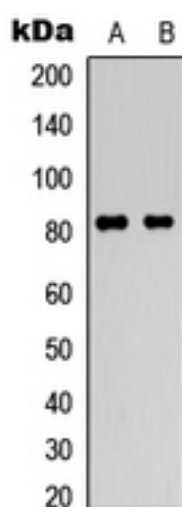
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Immunocytochemical analysis of HSF1 (Phospho-S307) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Western blotting analysis of HSF1 (Phospho-S307) expression in HepG2 (A), K562 (B) whole cell lysates.