

# HSF1 (phospho Ser307) antibody

**Cat. No. GTX50239**

|                     |            |
|---------------------|------------|
| <b>Host</b>         | Rabbit     |
| <b>Clonality</b>    | Polyclonal |
| <b>Isotype</b>      | IgG        |
| <b>Applications</b> | WB, ICC/IF |
| <b>Reactivity</b>   | Human      |

**Package**  
100 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:1000         |
| ICC/IF             | 1:100-1:200          |

Not tested in other applications.

**Calculated MW** 57 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 150mM NaCl, 50% Glycerol                                                                                                                                                                                              |
| <b>Preservative</b>  | 0.02% Sodium azide                                                                                                                                                                                                         |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Peptide sequence around phosphorylation site of serine 307 (P-Q-S(p)-P-R) derived from human HSF1.                                                                                                                         |
| <b>Purification</b>  | Purified by antigen-affinity chromatography. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.                                                                                      |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

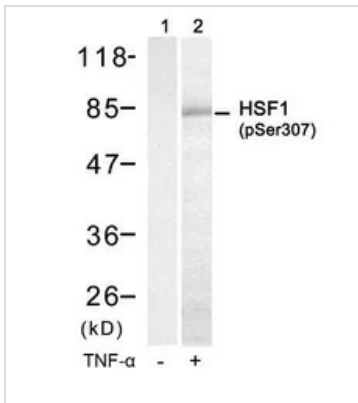
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

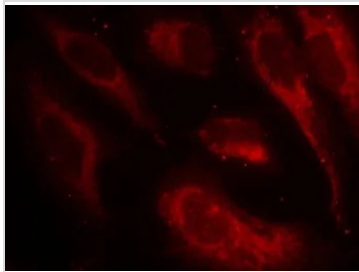
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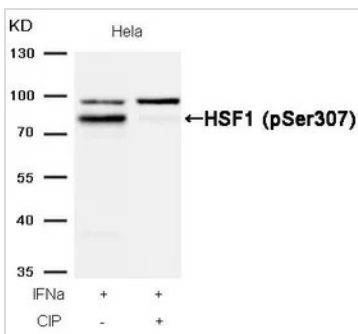
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**DATA IMAGES**

**GTx50239 WB Image**

WB analysis of extracts from HUVEC cells untreated (lane 1) or treated with TNF-α (lane 2) using GTx50239 HSF1 (phospho Ser307) antibody.


**GTx50239 ICC/IF Image**

ICC/IF analysis of methanol-fixed HeLa cells using GTx50239 HSF1 (phospho Ser307) antibody.


**GTx50239 WB Image**

WB analysis of extracts from HeLa cells treated with IFNα or calf intestinal phosphatase (CIP) using GTx50239 HSF1 (phospho Ser307) antibody.



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