

## Rabbit anti-Human, Mouse HSF1 Polyclonal Antibody | anti-HSF1 antibody

HSF1 (Phospho-Ser121) Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA316599 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

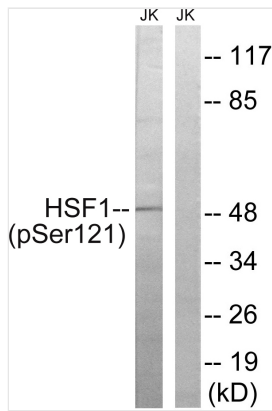
### PRODUCT SYNONYMS

HSF1; Polyclonal Antibody; HSF1 (Phospho-Ser121) Antibody; Heat shock factor protein 1; Heat shock transcription factor 1; HSF 1; HSTF 1; HSTF1; anti-HSF1 antibody

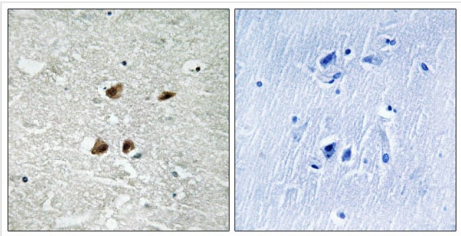
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | HSF1 (Phospho-Ser121) Antibody detects endogenous levels of HSF1 only when phosphorylated at Ser121.                                                                                             |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 489                                                                                                                                                                                              |
| Applicable Applications for anti-HSF1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:S121; M:S121                                                                                                                                                                                   |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human HSF1 around the phosphorylation site of Ser121.                                                                        |
| Immunogen Range                                | 87-136                                                                                                                                                                                           |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

IMAGES



**WB (Western Blot)**  
Western blot analysis of lysates from Jurkat cells treated with TNF 2500U/ML 30', using HSF1 (Phospho-Ser121) Antibody. The lane on the right is blocked with the phospho peptide.



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human brain, using HSF1 (Phospho-Ser121) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 5031767                           |
| NCBI GeneID                      | 3297                              |
| NCBI Accession #                 | NP_005517.1                       |
| NCBI GenBank Nucleotide #        | NM_005526.3                       |
| UniProt Accession #              | Q00613; Q53XT4; A8K4L0; A8MW26    |
| Molecular Weight                 | 57 kDa                            |
| NCBI Official Full Name          | heat shock factor protein 1       |
| NCBI Official Synonym Full Names | heat shock transcription factor 1 |
| NCBI Official Symbol             | HSF1                              |
| NCBI Official Synonym Symbols    | HSTF1                             |
| NCBI Protein Information         | heat shock factor protein 1       |
| UniProt Protein Name             | Heat shock factor protein 1       |
| UniProt Gene Name                | HSF1                              |
| UniProt Synonym Gene Names       | HSTF 1                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.