

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

HSF1 (Ab-303) Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA306906</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

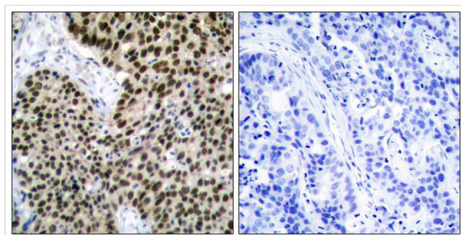
### PRODUCT SYNONYMS

HSF1; Polyclonal Antibody; HSF1 (Ab-303) Antibody; HSTF 1; anti-HSF1 antibody

### PRODUCT SPECIFICATIONS

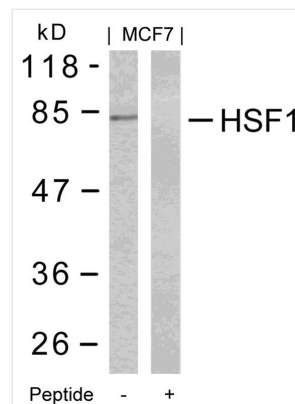
|                                                |                                                                                                                                                                               |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                        |
| Reactivity                                     | Human                                                                                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                                                                    |
| Specificity                                    | The antibody detects endogenous level of total HSF1 H3.1 protein.                                                                                                             |
| Purity/Purification                            | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Form/Format                                    | Supplied at 1.0mg/mL 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                                  | 1.0 mg/ml (varies by lot)                                                                                                                                                     |
| Sequence Length                                | 489                                                                                                                                                                           |
| Applicable Applications for anti-HSF1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                 |
| Immunogen Type                                 | Peptide-KLH                                                                                                                                                                   |
| Immunogen Description                          | Peptide sequence around aa.301~305 (P-P-S-P-P) derived from Human HSF1.                                                                                                       |
| Target Name                                    | HSF1                                                                                                                                                                          |
| Preparation and Storage                        | Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.                                                                       |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSF1(Ab-303) Antibody (left) or the same antibody preincubated with blocking peptide(right).



#### WB (Western Blot)

Western blot analysis of extracts from MCF7 cells using HSF1(Ab-303) Antibody and the same antibody preincubated with blocking peptide.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HSF1 antibody | DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked. |
| Product Categories/Family for anti-HSF1 antibody   | Total protein Ab                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 5031767                           |
| NCBI GeneID                      | 3297                              |
| NCBI Accession #                 | NP_005517.1                       |
| NCBI GenBank Nucleotide #        | NM_005526.2                       |
| UniProt Accession #              | Q00613; Q53XT4; A8K4L0; A8MW26    |
| Molecular Weight                 | 52,881 Da                         |
| 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       | HSTF1; HSF 1; HSTF 1              |
| UniProt Entry Name               | HSF1_HUMAN                        |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsf1-antibody-immunohistochemistry-western-blot-elisa/306906>