

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

HSF1 (Phospho-Ser307) Antibody

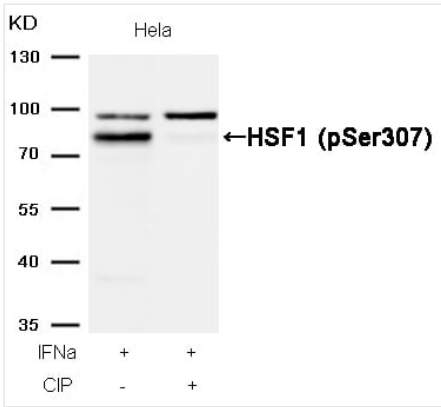
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301665	Rabbit	Human	Immunofluorescence, Western Blot

PRODUCT SYNONYMS

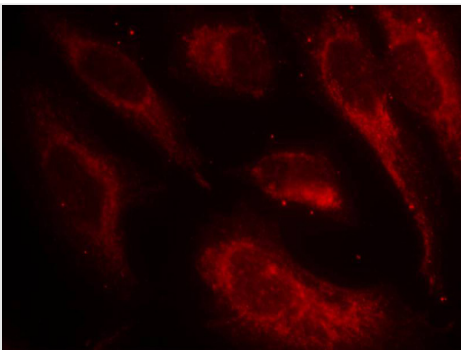
HSF1; Polyclonal Antibody; HSF1 (Phospho-Ser307) Antibody; HSTF 1; anti-HSF1 antibody

PRODUCT SPECIFICATIONS

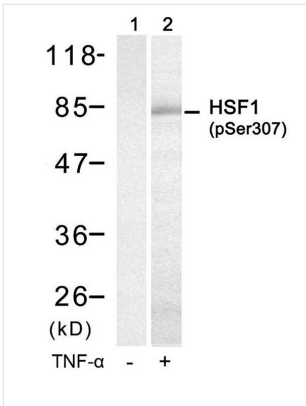
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of HSF1 only when phosphorylated at serine 307.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	529
Applicable Applications for anti-HSF1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 307 (P-Q-S(p)-P-R) derived from Human HSF1.
Modification	Phospho-Ser307
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.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, treated with IFNα or calf intestinal phosphatase (CIP), using HSF1 (Phospho-Ser307) Antibody.



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells using HSF1(Phospho-Ser307) Antibody.



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells untreated (lane 1) or treated with TNF-α (lane 2) using HSF1(Phospho-Ser307) Antibody.

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	Phospho-specific 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-immunofluorescence-western-blot-elisa/301665>