

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

HSF1 (Ab-121) Antibody

CATALOG # AAA304171	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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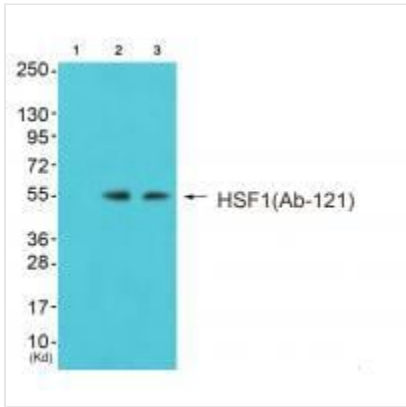
PRODUCT SYNONYMS

HSF1; Polyclonal Antibody; HSF1 (Ab-121) Antibody; Heat shock factor protein 1; Heat shock transcription factor 1; HSF 1; HSTF 1; HSTF1; anti-HSF1 antibody

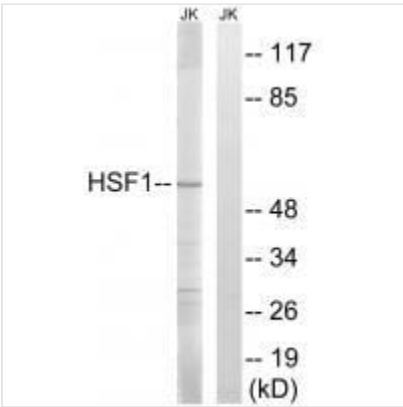
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HSF1 protein
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG 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	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human HSF1 around the phosphorylation site of serine 121 (V-T-S(p)-V-S).
Target Name	HSF1
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
Western blot analysis of extracts from K562 cells (Lane 2) and 3T3 cells (Lane 3), using HSF1 (Ab-121) antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using HSF1 (Ab-121) 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.Rabindran S.K.,Proc. Natl. Acad. Sci. U.S.A. 88:6906-6910(1991).The MGC Project Team;Genome Res. 14:2121-2127(2004).Schuetz T.J.,Proc. Natl. Acad. Sci. U.S.A. 88:6911-6915(1991).
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.