

anti-Human HSF1 Antibody | anti-HSF1 antibody

HSF1 (Ab-303) Antibody

CATALOG # AAA111853	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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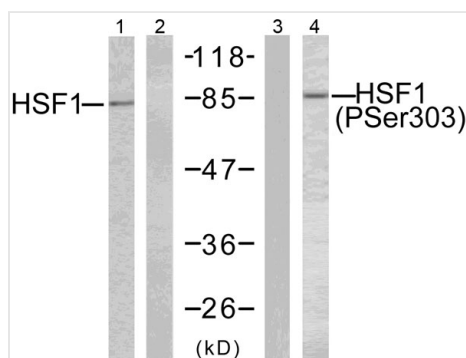
PRODUCT SYNONYMS

HSF1; HSF1 (Ab-303) Antibody; HSTF1; Heat shock factor protein 1; anti-HSF1 antibody

PRODUCT SPECIFICATIONS

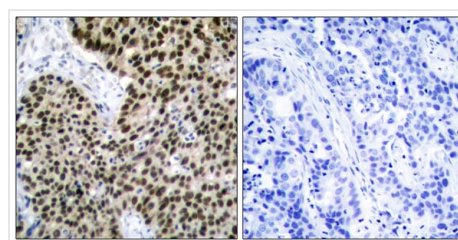
Reactivity	Human
Specificity	HSF1 (Ab-303) antibody detects endogenous levels of total HSF1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	529
Applicable Applications for anti-HSF1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human HSF1 around the phosphorylation site of serine 303 (P-P-SP-P-P).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from MCF cells untreated or treated with TNF-alpha (20ng/ml, 30min), using HSF1 (Ab-303) antibody (Line 1 and 2), and HSF1 (Phospho-Ser303) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSF1 (Ab-303) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSF1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Parvaneh Rafiee, et. al. (2006) Am J Physiol Cell Physiol; 291: C931-C945. Fumika Shinozaki, et. al. (2006) J. Biol. Chem; 281: 16361-16369. Eiichi Takaki, et. al. (2006) J. Biol. Chem; 281: 4931-4937. Jan-Jong Hung, et. al. (1998) J. Biol. Chem; 273: 31924.

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	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	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.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/hsf1/111853>