

anti-Human, Mouse HSF1 Antibody | anti-HSF1 antibody

HSF1 (Phospho-Thr142) Antibody

CATALOG # AAA109380	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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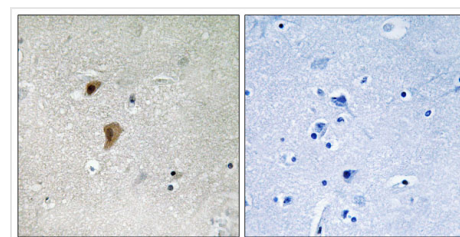
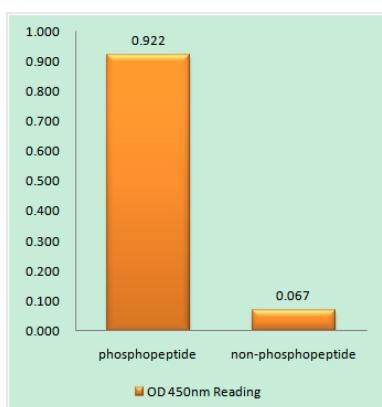
PRODUCT SYNONYMS

HSF1; HSF1 (Phospho-Thr142) Antibody; Heat shock factor protein 1; Heat shock transcription factor 1; HSF 1; HSTF 1; HSTF1; anti-HSF1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	HSF1 (Phospho-Thr142) antibody detects endogenous levels of HSF1 only when phosphorylated at threonine 142.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	529
Applicable Applications for anti-HSF1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HSF1 around the phosphorylation site of threonine 142 (L-L-TP-D-V).
All Sites	Human: Thr142 Mouse: Thr142
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using HSF1 (Phospho-Thr142) antibody. HSF1 (Phospho-Thr142) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

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	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).

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/hsf1/109380>