

Rabbit HSF2 Polyclonal Antibody | anti-HSF2 antibody

HSF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326816	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

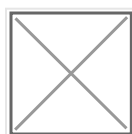
PRODUCT SYNONYMS

HSF2; Polyclonal Antibody; HSF2 Antibody; Heat shock factor protein 2; Heat shock transcription factor 2; HSF 2; HSF2_HUMAN; HSTF 2; anti-HSF2 antibody

PRODUCT SPECIFICATIONS

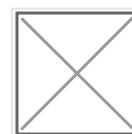
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HSF2 antibody detects endogenous levels of total HSF2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	518
Applicable Applications for anti-HSF2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HSF2
Subcellular Location	Cytoplasm. Nucleus. Cytoplasmic during normal growth and moves to the nucleus upon activation.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (100%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA326816 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts of HeLa, using HSF2antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HSF2 antibody	Description: The protein encoded by this gene belongs to the HSF family of transcription factors that bind specifically to the heat-shock promoter element and activate transcription. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Function: 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. Subunit Structure: DNA-binding homotrimer in stressed or heat shocked cells, otherwise found as a homodimer. Similarity: Belongs to the HSF family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	207113147
NCBI GeneID	3298
NCBI Accession #	NP_001129036.1
NCBI GenBank Nucleotide #	NM_001135564.1
UniProt Accession #	Q03933; Q0VAH9; Q2M1K4; Q9H445; B4DGJ4
Molecular Weight	Observed: 60 kDa Predicted: 61 kDa
NCBI Official Full Name	heat shock factor protein 2 isoform b
NCBI Official Synonym Full Names	heat shock transcription factor 2
NCBI Official Symbol	HSF2
NCBI Official Synonym Symbols	HSF 2; HSTF 2
NCBI Protein Information	heat shock factor protein 2
UniProt Protein Name	Heat shock factor protein 2
UniProt Gene Name	HSF2
UniProt Synonym Gene Names	HSTF2; HSF 2; HSTF 2

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/hsf2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/326816>