

Rat HSF2 Monoclonal Antibody | anti-HSF2 antibody

Anti-HSF2 Monoclonal Antibody

CATALOG # AAA47737	HOST Rat	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunoblot, Western Blot
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PRODUCT SYNONYMS

HSF2; Monoclonal Antibody; Anti-HSF2 Monoclonal Antibody; anti-HSF2 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Specificity	HSF2 [Rat monoclonal antibody recognizes HSF2 of multiple species.] This antibody recognizes HSF2 in heat-shocked cell lysates of human, mouse, rat, rabbit, bovine, canine, porcine, guinea pig, hamster, sheep, and monkey.
Form/Format	100ug in PBS, pH 7.4, purified by Protein G affinity chromatography.
Applicable Applications for anti-HSF2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), IB (Immunoblot)
Antigen	Recombinant full-length mouse HSF2
Preservatives	0.09% sodium azide
Other Additives	50% glycerol
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-HSF2 antibody	Heat shock factor 1 (HSF1) is a heat shock transcription factor that activates the transcription of genes encoding products required for protein folding, processing, targeting, degradation, and function. Up-regulation of expression of heat shock proteins in response to stress occurs at the level of transcription through a heat shock element and a HSF transcription factor. Amino acid sequences for most HSFs are highly conserved. A DNA binding domain is at the N-terminus, hydrophobic repeats (essential to the formation of active trimers) are adjacent to this binding domain, and another short hydrophobic repeat (necessary for suppression of trimerization) occurs toward the C-terminus. HSF2 exists as two isoforms, the alpha form being more transcriptionally active than the smaller beta form. Various experiments have suggested that HSF2 may play roles in differentiation and development.
Product Categories/Family for anti-HSF2 antibody	Heat Shock and Stress Proteins

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; Q9BS48
Molecular Weight	60,348 Da
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; MGC75048; MGC117376; MGC156196
NCBI Protein Information	heat shock factor protein 2; OTTHUMP00000017845; heat shock factor 2
UniProt Protein Name	Heat shock factor protein 2
UniProt Gene Name	HSF2
UniProt Synonym Gene Names	HSTF2
UniProt Entry Name	HSF2_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/monoclonal/hsf2-antibody-immunoprecipitation-immunohistochemistry-immunofluorescence-immunoblot-elisa/47737>