

Datasheet for ABIN2792687

anti-HSF2 antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	HSF2
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSF2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HSF2
Sequence:	SSVQMNPTDY INNTKSENKG LETTKNNVVQ PVSEEGRKSK SKPDKQLIQY
Cross-Reactivity:	Cow (Bovine), Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 92%, Guinea Pig: 92%, Human: 100%, Mouse: 92%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against HSF2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HSF2
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Target Details

Alternative Name:	Heat shock factor 2 / HSF2 (HSF2 Products)
Background:	<p>HSF2 binds specifically to the heat-shock element and has homology to HSFs of other species. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Although the names HSF1 and HSF2 were chosen for historical reasons, these peptides should be referred to as heat-shock transcription factors. HSF2, as well as the related gene HSF1, encodes a protein that binds specifically to the heat-shock element and has homology to HSFs of other species. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Although the names HSF1 and HSF2 were chosen for historical reasons, these peptides should be referred to as heat-shock transcription factors. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: MGC117376, MGC156196, MGC75048, HSF 2, HSTF 2</p> <p>Protein Interaction Partner: NUP62, MTUS2, WDR5, TPM3, SUMO2, HSF4, HSF1, UBC, PCGF2, SUMO1, UBE2I, Zwint, FZR1, CUL3, CDC27, CDC20, PPP2R1A, NCAPG, HSF2BP, SUMO3, HSPA1A,</p> <p>Protein Size: 536</p>
Molecular Weight:	60 kDa
Gene ID:	3298
NCBI Accession:	NM_004506 , NP_004497
UniProt:	Q03933

Application Details

Application Notes:	WB Suggested Anti-HSF2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: 721_B cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 536 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HSF2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 721_B cell lysate HSF2 is supported by BioGPS gene expression data to be expressed in 721_B

Western Blotting

Image 2. Host: Mouse Target Name: HSF2 Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml