

# Datasheet for ABIN2792687 anti-HSF2 antibody (Middle Region)

# 2 Images



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#### 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

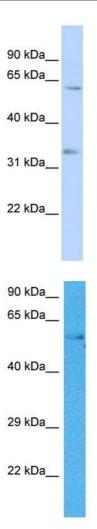
## **Target Details**

Alternative Name:	Heat shock factor 2 / HSF2 (HSF2 Products)
Background:	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.
	Alias Symbols: MGC117376, MGC156196, MGC75048, HSF 2, HSTF 2
	Protein Interaction Partner: NUP62, MTUS2, WDR5, TPM3, SUM02, HSF4, HSF1, UBC, PCGF2,
	SUMO1, UBE2I, Zwint, FZR1, CUL3, CDC27, CDC20, PPP2R1A, NCAPG, HSF2BP, SUMO3,
	HSPA1A,
	Protein Size: 536
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
	Antigen size: 536 AA  For Research Use only
Comment:  Restrictions:  Handling	

#### 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