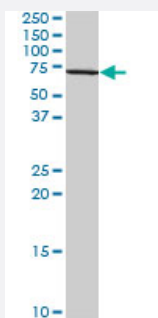


HSF1 polyclonal antibody (A01)

Catalog # H00003297-A01

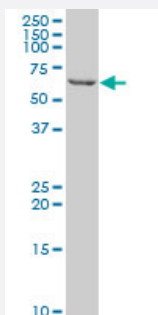
Size 50 uL

Applications



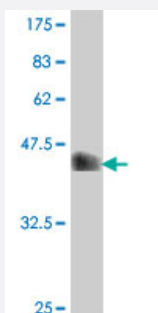
Western Blot (Cell lysate)

HSF1 polyclonal antibody (A01), Lot # 060726QCS1. Western Blot analysis of HSF1 expression in Jurkat.



Western Blot (Cell lysate)

HSF1 polyclonal antibody (A01), Lot # 051026JC01 Western Blot analysis of HSF1 expression in Y-79 (Cat # L042V1).



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a partial recombinant HSF1.

Immunogen

HSF1 (NP_005517, 420 a.a. ~ 529 a.a) partial recombinant protein with GST tag.

Sequence	PSVTVPDMSLPDL DSSLASIQELLSPQEPPRPPEAENSSPD SGKQLVHYTAQPLFLLDPGSVDT GSNDLPVLFELGEGSYFSEGDGFAEDPTISLLTGSEPPKAKDPTVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (86)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

HSF1 polyclonal antibody (A01), Lot # 060726QCS1. Western Blot analysis of HSF1 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

HSF1 polyclonal antibody (A01), Lot # 051026JC01 Western Blot analysis of HSF1 expression in Y-79 (Cat # L042V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HSF1

Entrez GeneID	3297
GeneBank Accession#	NM_005526
Protein Accession#	NP_005517
Gene Name	HSF1

Gene Alias	HSTF1
Gene Description	heat shock transcription factor 1
Omim ID	140580
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a heat-shock transcription factor. Transcription of heat-shock genes is rapidly induced after temperature stress. Hsp90, by itself and/or associated with multichaperone complexes, is a major repressor of this gene. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Melatonin activates ABCA1 via the BiP/NRF1 pathway to suppress high-cholesterol-induced apoptosis of mesenchymal stem cells.](#)

Jun Sung Kim, Young Hyun Jung, Hyun Jik Lee, Chang Woo Chae, Gee Euhn Choi, Jae Ryong Lim, Seo Yihl Kim, Joo Eun Lee, Ho Jae Han.

Stem Cell Research & Therapy 2021 Feb; 12(1):114.

Application: WB-Ce, Human, Human umbilical cord blood-derived mesenchymal stem cells

- [Aqueous Extract of Paeonia lactiflora and Paeoniflorin as Aggregation Reducers Targeting Chaperones in Cell Models of Spinocerebellar Ataxia 3.](#)

Chang KH, Chen WL, Lee LC, Lin CH, Kung PJ, Lin TH, Wu YC, Wu YR, Chen YC, Lee-Chen GJ, Chen CM.

Evidence-Based Complementary and Alternative Medicine 2013 Feb; 2013:471659.

Application: WB, Human, 293 cells

- [Proinvasion metastasis drivers in early-stage melanoma are oncogenes.](#)

Scott KL, Nogueira C, Heffernan TP, van Doorn R, Dhakal S, Hanna JA, Min C, Jaskelioff M, Xiao Y, Wu CJ, Cameron LA, Perry SR, Zeid R, Feinberg T, Kim M, Vande Woude G, Granter SR, Bosenberg M, Chu GC, Depinho RA, Rimm DL, Chin L.

Cancer Cell 2011 Jul; 20:92.

Application: IF, Human, Melanoma