

Product Datasheet

HSF1 Antibody - BSA Free NBP1-97475-0.05mg

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 10

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Updated 9/9/2025 v.20.1

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NBP1-97475-0.05mg

HSF1 Antibody - BSA Free

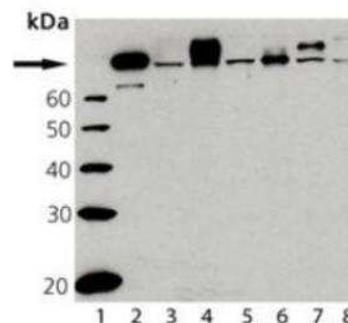
Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS and 50% Glycerol
Target Molecular Weight	95 kDa

Product Description	
Description	Novus Biologicals Rabbit HSF1 Antibody - BSA Free (NBP1-97475) is a polyclonal antibody validated for use in WB, ELISA and IP. Anti-HSF1 Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3297
Gene Symbol	HSF1
Species	Human, Mouse, Rat, Gerbil, Primate, Rabbit
Specificity/Sensitivity	Recognizes nonphosphorylated HSF1 at ~60kDa and phosphorylated HSF1 at ~80kDa.
Immunogen	Recombinant human HSF1.

Product Application Details	
Applications	Western Blot, ELISA, Gel Super Shift Assays, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 (colorimetric), ELISA, Immunoprecipitation 1:10-1:500, Gel Super Shift Assays 1:1-1:100
Application Notes	ELISA reactivity was reported in (PMID:12732732).

Images

Western Blot: HSF1 Antibody [NBP1-97475] - Analysis of HSF1: Lane 1: Molecular Weight Marker, Lane 2: HSF1 (human), (recombinant), Lane 3: HeLa Cell Lysate, Lane 4: HeLa Cell Lysate (Heat Shocked), Lane 5: 3T3 Cell Lysate, Lane 6: PC-12 Cell Lysate, Lane 7: RK-13 Cell Lysate, Lane 8: Vero Cell Lysate.



Publications

M Oro?, M Grochowski, A Jaiswar, J Legierska, K Jastrz?bsk, M Nowak-Niez, M Ko?os, W Ka?miercza, T Olesi?ski, M Lenarcik, M Cybulska, M Mikula, A ?ylicz, M Mi?czy?ska, K Zettl, JR Wi?niewski, D Walerych The molecular network of the proteasome machinery inhibition response is orchestrated by HSP70, revealing vulnerabilities in cancer cells Cell Reports, 2022-09-27;40(13):111428. 2022-09-27 [PMID: 36170818]

Onay Ucar E, Sengelen A, Mertoglu Kamali E Hsp27, Hsp60, Hsp70, or Hsp90 depletion enhances the antitumor effects of resveratrol via oxidative and ER stress response in human glioblastoma cells Biochemical Pharmacology 2023-02-01 [PMID: 36603687] (WB, Human)

Details:

1:1000 WB dilution

Kiyga E, Adıguzel Z, Onay Ucar E Temozolomide increases heat shock proteins in extracellular vesicles released from glioblastoma cells Molecular biology reports 2022-06-25 [PMID: 35752701] (WB, Human)

TW Mu et al. Chemical and biological approaches synergize to ameliorate protein-folding diseases. Cell 134, 769 . 2008-01-01 [PMID: 18775310] (WB)

G Steiner et al. TNFalpha mediates susceptibility to heat-induced apoptosis by protein phosphatase-mediated inhibition of the HSF1/hsp70 stress response;. Cell Death Differ 10, 1126. 2003-01-01 [PMID: 14502236] (GS)

DM Chuang et al. Postinsult treatment with lithium reduces brain damage and facilitates neurological recovery in a rat ischemia/reperfusion model;. PNAS 100, 6210. 2003-01-01 [PMID: 12732732] (ELISA)

FR Sharp et al. 17-beta-estradiol induces heat shock proteins in brain arteries and potentiates ischemic heat shock protein induction in glia and neurons. J. Cereb. Blood Flow Metab. 22, 183. 2002-01-01 [PMID: 11823716] (WB)

M Di Rosa et al. Role of cyclopentenone prostaglandins in rat carrageenin pleurisy;. FEBS Lett 508, 61. 2001-01-01 [PMID: 11707269] (GS, WB)

R Voellmy et al. Evidence for a mechanism of repression of heat shock factor 1 transcriptional activity by a multichaperone complex;. J. Biol Chem 276, 45791. 2001-01-01 [PMID: 11583998] (IP)

DS Latchman et al. Signal transducer and activator of transcription-1 and heat shock factor-1 interact and activate the transcription of the Hsp-70 and Hsp-90 beta gene promoters; J. Biol Chem 274, 1723. 1999-01-01 [PMID: 9880553] (IP)





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Products Related to NBP1-97475-0.05mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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