For Research Use Only

HSF1 Polyclonal antibody Catalog Number:51034-1-AP Featured Product

Featured Product

19 Publications

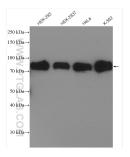


Basic Information	Catalog Number: 51034-1-AP	GenBank Accession Numb BC014638	er: Purification Meth Antigen affinity p		
	Size: GeneID (NCBI): 150ul, Concentration: 700 ug/ml by 3297		Recommended Di		
			WB 1:1000-1:4000	WB 1:1000-1:4000	
	Nanodrop;	UNIPROT ID:	IP 0.5-4.0 ug for 1	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:500-1:2000 IF/ICC 1:200-1:800	
	Source:	Q00613	· ·		
	Rabbit	Full Name:			
	Isotype:	heat shock transcription fa			
	IgG	Calculated MW:			
	Immunogen Catalog Number: AG0739	529 aa, 57 kDa			
		Observed MW: 68-80 kDa			
Applications	Tested Applications:	Po	Positive Controls:		
	WB, IHC, IF/ICC, IP, ELISA	WD. HER-2		93 cells, HeLa cells, A431 cells, HepG2 cell	
	Cited Applications: WB, IHC, IF, IP		62 cells, NIH/3T3 cells, HEK-2 puse ovary tissue, mouse testi	NIH/3T3 cells, HEK-293T cells, C6 cells, y tissue, mouse testis tissue	
	Species Specificity:	Specificity: IP : Jurkat co			
	human, mouse, rat IHC : huma		: human lung cancer tissue, ł	numan testis tissue	
	Cited Species: human, mouse, rat, bovine	ited Species:			
	Note-IHC: suggested antigen a TE buffer pH 9.0; (*) Alternati retrieval may be performed w buffer pH 6.0	vely, antigen			
Background Information	HSF1 belongs to heat-shock transcrip other stresses. Also, HSF1 has been l activate AKT and inactivate JNK and of life span and establishes a role fo molecular weight of HSF1 is 57 kDa, phosphorylation states (PMID: 18434	nked with oogenesis, sperm CASP3 to protect cardiomyc SIRT1 in protein homeosta but HSF1 migrates at appro	hatogenesis, and placental de hcytes from death. And it has a sis and heat-shock response. T	velopment. It can role in the regulatio he calculated	
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	other stresses. Also, HSF 1 has been to activate AKT and inactivate JNK and of life span and establishes a role fo molecular weight of HSF 1 is 57 kDa, phosphorylation states (PMID: 18434 Author Pu	nked with oogenesis, sperm CASP3 to protect cardiomyc SIRT1 in protein homeosta: but HSF1 migrates at approx 628).	hatogenesis, and placental de acytes from death. And it has a sis and heat-shock response. T kimately 80 kDa which likely	velopment. It can role in the regulatio he calculated represents different Application	
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	other stresses. Also, HSF 1 has been to activate AKT and inactivate JNK and of life span and establishes a role for molecular weight of HSF 1 is 57 kDa, phosphorylation states (PMID: 18434 Author Pu Donald A Jurivich 31 Thomas G Martin 33 Fangfang Yuan 35 Storage: Storage Store at -20°C. Stable for one year af Storage Buffer:	nked with oogenesis, sperm CASP3 to protect cardiomyc SIRT1 in protein homeosta: but HSF1 migrates at appro- 628). bmed ID Journal 612204 J Gerontol 989081 Am J Phys 511979 Science er shipment.	hatogenesis, and placental de acytes from death. And it has a sis and heat-shock response. T kimately 80 kDa which likely	velopment. It can role in the regulation he calculated represents different Application WB WB,IF	

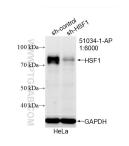
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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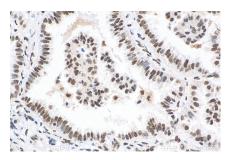
Selected Validation Data



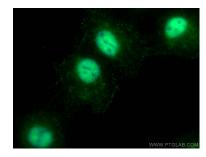
Various lysates were subjected to SDS PAGE followed by western blot with 51034-1-AP (HSF1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



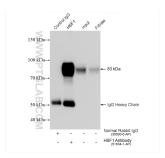
WB result of HSF1 antibody (51034-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HSF1 transfected HeLa cells.



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using 51034-1-AP (HSF 1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using HSF1 antibody (51034-1-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



IP result of anti-HSF1 (IP:51034-1-AP, 4ug; Detection:51034-1-AP 1:8000) with Jurkat cells lysate 1560 ug.