

Product Datasheet

Anti-HSF1 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL02759

Product Information

Product name	Anti-HSF1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
Cellular localization	Centromere, Chromosome, Cytoplasm, Cytoskeleton, Nucleus.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background
Heat shock factor protein 1 is a protein that in humans is encoded by the HSF1 gene. HSF1 exists as an inactive monomer in a complex with Hsp40/Hsp70 and Hsp90. Upon stress, such as elevated temperature, HSF1 is released from the chaperone complex and trimerizes. HSF1's target genes include major inducible heat shock proteins such as Hsp72, and noncoding RNA within Satellite III repeat regions. Its attenuation phase is initiated as a negative feedback loop with its gene product Hsp70 binding to its transactivation domain.

Immunogen
Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HSF1.

Purification
Polyclonal antibody was purified by Protein A affinity chromatography.

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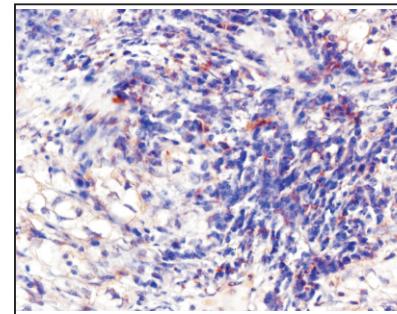
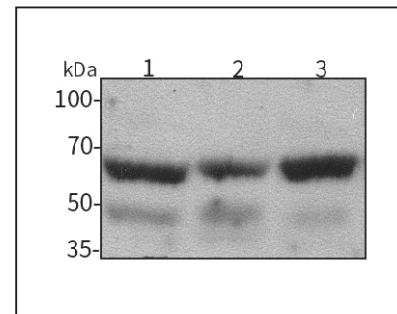
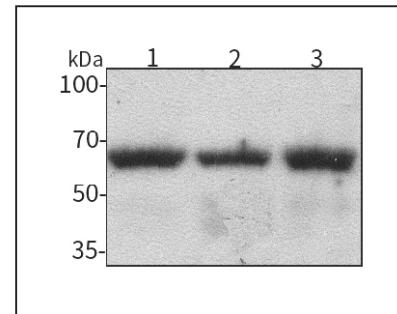
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Product Images



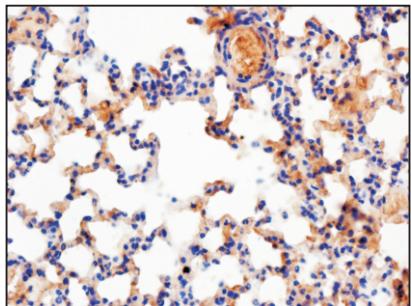
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Product Information



Immunohistochemistry-Anti-HSF1 pAb

Immunohistochemical analysis of paraffin-embedded mouse lung (LPS treated) using anti-HSF1 Rabbit Antibody at 1:300 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.