

HSF 1 Polyclonal Antibody

CATALOG NO:	3812-30T	30 µg (Trial size)
	3812-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 515 of mouse HSF 1 (ID# BV-615).	
SPECIES REACTIVITY:	Human, Mouse	

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

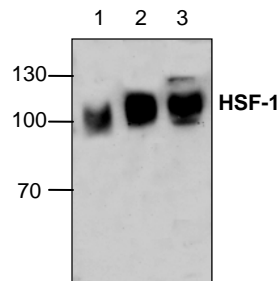
HSF 1 responds to cellular stress signals such as heat, heavy metals and oxidative reagents. It binds to heat shock response elements in the upstream region of heat shock gene and activates transcription. Upon activation, HSF 1 is trimerized and is localized in the nucleus where it binds the DNA.

SPECIFICITY:

The antibody recognizes 100-120 kDa band, corresponding to glycosylated HSF 1 in samples from human and mouse origins. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml) and in immunohistochemistry (5 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat. # 3812BP-50) is available separately.



Cat. #: 3812-100

Western blot analysis of HSF-1 expression in lysates from 3T3 cells (Lane 1) and Jurkat cells (Lane 2,3).

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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Growth Factors and Cytokines

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