

bs-5364R**[Primary Antibody]****phospho-HSF1 (Ser307) Rabbit pAb****BioSS**
ANTIBODIES

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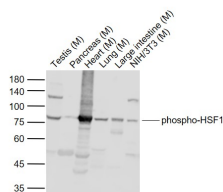
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 3297 Target: HSF1 (Ser307) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human HSF1 around the phosphorylation site of Ser307: PQ(p-S)PR. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: 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, Jul 2008].	Isotype: IgG SWISS: Q00613	Applications: WB (1:500-2000) Reactivity: Mouse (predicted: Human) Predicted MW.: 57 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Mouse Pancreas tissue lysates Lane 3: Mouse Heart tissue lysates Lane 4: Mouse Lung tissue lysates Lane 5: Mouse Large intestine tissue lysates Lane 6: Mouse NIH/3T3 cell lysates
Primary: Anti-phospho-HSF1 (Ser307) (bs-5364R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 80 kD

— SELECTED CITATIONS —

- **[IF=9.429]** Hao, Jie. et al. An IFI6-based hydrogel promotes the healing of radiation-induced skin injury through regulation of the HSF1 activity. J NANOBIOECHANOL. 2022 Dec;20(1):1-14 WB ;Mouse. 35717249