

bs-3741R**[Primary Antibody]****phospho-HSF1 (Ser326) Rabbit pAb****BioSS**
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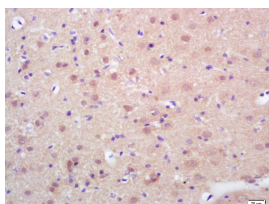
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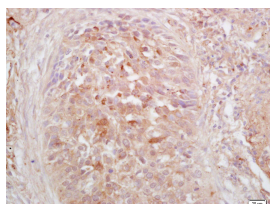
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 3297 Target: phospho-HSF1 (Ser326) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human HSF1 around the phosphorylation site of Ser326: L(p-S)PT. 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: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/Test) Reactivity: Human Predicted MW.: 57 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-HSF1(Ser326) Polyclonal Antibody, Unconjugated(bs-3741R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-HSF1(Ser326) Polyclonal Antibody, Unconjugated(bs-3741R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=14.919]** Tamara Isermann. et al. Suppression of HSF1 activity by wildtype p53 creates a driving force for p53 loss-of-heterozygosity. Nat Commun. 2021 Jun;12(1):1-17 IHC ;Mouse. 34188043
- **[IF=7.675]** Miriana Scordino. et al. Manipulation of HSP70-SOD1 Expression Modulates SH-SY5Y Differentiation and Susceptibility to Oxidative Stress-Dependent Cell Damage: Involvement in Oxotremorine-M-Mediated Neuroprotective Effects. ANTIOXIDANTS-BASEL. 2023 Mar;12(3):687 WB ;Human. 36978935
- **[IF=7.068]** Weikun Qian. et al. The EGFR-HSF1 axis accelerates the tumorigenesis of pancreatic cancer. J Exp Clin Canc Res. 2021 Dec;40(1):1-19 WB,IHC ;Human, Mouse. 33422093
- **[IF=5.682]** Hooria Shaghghi. et al. A model of the aged lung epithelium in idiopathic pulmonary fibrosis. Aging-U.S.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

2021 Jul 15; 13(13): 16922–16937 WB ;Mouse. 34238764

- **[IF=5.08]** Evert, M., et al. "Deregulation of DNA-dependent protein kinase catalytic subunit contributes to human hepatocarcinogenesis development and has a putative prognostic value." British Journal of Cancer (2013). Other ;="Human". 24136149