

bs-2090R**[Primary Antibody]****BioSS**
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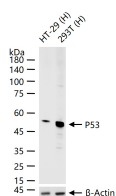
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P53 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 7157 Target: P53 Immunogen: KLH conjugated synthetic peptide derived from human P53: 301-393/393. 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: This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons (PMIDs: 12032546, 20937277). [provided by RefSeq, Feb 2013].	Isotype: IgG SWISS: P04637	Applications: WB (1:500-2000) Reactivity: Human Predicted MW.: 53 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with P53 polyclonal antibody, unconjugated (bs-2090R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=14.7]** Duan Runping. et al. Aging-induced immune microenvironment remodeling fosters melanoma in male mice via γ 617-Neutrophil-CD8 axis. NAT COMMUN. 2024 Dec;15(1):1-19 FC ;Mouse. 39738047
- **[IF=13.965]** Colas,et al.Impaired Production and Diurnal Regulation of Vascular RvDn-3 DPA Increase Systemic Inflammation and Cardiovascular Disease.(2018) Circulation Research. 122:855-863. FCM ;Human. 29437834
- **[IF=10.8]** Qinghan Tang. et al. Red blood cell-mimicking liposomes loading curcumin promote diabetic wound healing. J CONTROL RELEASE. 2023 Sep;361:871 WB ;Mouse. 37532149
- **[IF=10.435]** Yang, Xiao-Xin. et al. A nanoreactor boosts chemodynamic therapy and ferroptosis for synergistic cancer therapy using molecular amplifier dihydroartemisinin. J NANOBIOTECHNOL. 2022 Dec;20(1):1-19 WB,ICC ;Mouse.

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

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- **[IF=9.304]** Xingxing Xu. et al. YAP prevents premature senescence of astrocytes and cognitive decline of Alzheimer's disease through regulating CDK6 signaling. 2021 Aug 20 WB ;Mouse. 34415667