

bs-0113R**[Primary Antibody]****SOCS1 Rabbit pAb****BioSS**
ANTIBODIES

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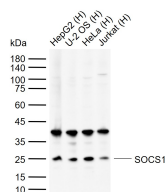
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 8651 Target: SOCS1 Immunogen: KLH conjugated synthetic peptide derived from human Socs 1: 121-211/211. 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: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS1 is involved in negative regulation of cytokines that signal through the JAK/STAT3 pathway. Through binding to JAKs, inhibits their kinase activity. In vitro, also suppresses Tec protein-tyrosine activity (By similarity). Appears to be a major regulator of signaling by interleukin 6 (IL6) and leukemia inhibitory factor(LIF). Regulates interferon-gamma mediated sensory neuron survival. Implicated, through SOCS box binding, in ubiquitin-dependent protein degradation. High expression in thymus. Lower expression in lung and spleen.	Isotype: IgG SWISS: O15524	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 23 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: Lane 1: Human HepG2 cell lysates Lane 2: Human U-2 OS cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human Jurkat cell lysates
 Primary: Anti-SOCS1 (bs-0113R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 23 kDa Observed band size: 25 kDa

— SELECTED CITATIONS —

- **[IF=8.786]** Xiangnan Hao. et al. LNA-anti-miR-150 alleviates renal interstitial fibrosis by reducing pro-inflammatory M1/M2 macrophage polarization. FRONT IMMUNOL. 2022; 13: 913007 IHC ;Mouse. 35990680