

bs-5376R**[Primary Antibody]****phospho-G3BP1 (Ser232) Rabbit pAb****Bioss**
ANTIBODIES

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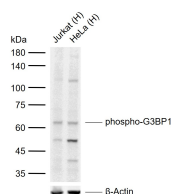
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 10146 Target: phospho-G3BP1 (Ser232) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human G3BP1 around the phosphorylation site of Ser232: SS(p-S)PA. 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 one of the DNA-unwinding enzymes which prefers partially unwound 3'-tailed substrates and can also unwind partial RNA/DNA and RNA/RNA duplexes in an ATP-dependent fashion. This enzyme is a member of the heterogeneous nuclear RNA-binding proteins and is also an element of the Ras signal transduction pathway. It binds specifically to the Ras-GTPase-activating protein by associating with its SH3 domain. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq].	Isotype: IgG SWISS: Q13283	Applications: WB (1:500-2000) Reactivity: Human (predicted: Rabbit, Pig, Cow) Predicted MW.: 52-60 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: Lane 1: Human Jurkat cell lysates Lane 2: Human HeLa cell lysates Primary: Anti-phospho-G3BP1 (Ser232) (bs-5376R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52-60 kDa Observed band size: 62 kDa

— SELECTED CITATIONS —

- **[IF=5.06]** Luo, Rui, et al. "Label-free quantitative phosphoproteomic analysis reveals differentially regulated proteins and pathway in PRRSV infected pulmonary alveolar macrophages." Journal of Proteome Research (2014). WB ;="Pig". 24533505