

**bs-1654R****[ Primary Antibody ]****phospho-PAK2 (Ser141) Rabbit pAb****BioSS**  
**ANTIBODIES**

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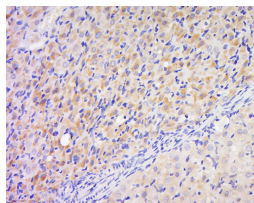
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**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 5062 <b>Target:</b> PAK2 (Ser141) <b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human PAK2 around the phosphorylation site of Ser141: YM(p-S)FT. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell. [provided by RefSeq, Jul 2008]	<b>Isotype:</b> IgG <b>SWISS:</b> Q13177	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Cow, Dog, Horse) <b>Predicted MW.:</b> 23/35/58 kDa <b>Subcellular Location:</b> Cytoplasm
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**— VALIDATION IMAGES —**

Tissue/cell: Mouse placenta 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-p-PAK1 (Ser141) Polyclonal Antibody, Unconjugated(bs-1654R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=5.07]** 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