bs-1654R **[Primary Antibody]**

phospho-PAK2 (Ser141) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5062 **SWISS:** Q13177

Target: phospho-PAK2 (Ser141)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PAK2 around the phosphorylation site of Ser141: YM(p-S)FT.

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 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]

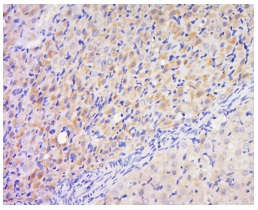
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Cow, Dog, Horse)

Predicted MW.: 23/35/58 kDa

Subcellular Location: Cytoplasm

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