

bs-3363R**[Primary Antibody]**

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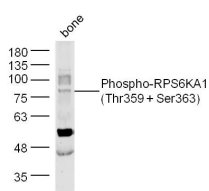
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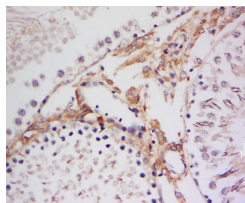
400-901-9800

phospho-RPS6KA1 (Thr359 + Ser363) Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 6195 Target: RPS6KA1 (Thr359 + Ser363) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human p90RSK around the phosphorylation site of Thr359/Ser363: SR(p-T)PKD(p-S)PG. 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: Rsk1 is a member of a family of 90kDa ribosomal protein S6 kinases, which includes Rsk1, Rsk2 and Rsk3. These are broadly expressed serine/threonine protein kinases activated in response to mitogenic stimuli, including extracellular signal regulated protein kinases Erk1 and Erk2. Rsk1 is activated by MAPK in vitro and in vivo via phosphorylation. Active Rsks appear to play a major role in transcriptional regulation by translocating to the nucleus and phosphorylating c Fos and CREB.	Isotype: IgG Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 81 kDa Subcellular Location: Cytoplasm
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VALIDATION IMAGES

Sample: Bone (Mouse) Lysate at 40 ug Primary:
 Anti-Phospho-RPS6KA1 (Thr359 + Ser363) (bs-3363R) at 1/300 dilution Secondary: IRDye800CW
 Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 81 kD Observed band size:
 81 kD



Tissue/cell: Rat testis 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-Phospho-RPS6KA1 (Thr359 + Ser363)
 Polyclonal Antibody, Unconjugated(bs-3363R)
 1:200, overnight at 4°C, followed by conjugation
 to the secondary antibody(SP-0023) and
 DAB(C-0010) staining