bs-3360R **[Primary Antibody]**

phospho-RCC1 (Ser11) Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1104 **SWISS:** P18754

Target: RCC1 (Ser11)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human RCC1 around the phosphorylation site of Ser11: RR(p-S)PP.

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: Ran GTPase plays important roles in nucleocytoplasmic transport in interphase and in both spindle formation and nuclear envelope (NE) assembly during mitosis. The latter functions rely on the presence of high local concentrations of GTP bound Ran near mitotic chromatin. RanGTP localization has been proposed to result from the association of Ran's GDP/GTP exchange factor, RCC1, with chromatin , but Ran is shown here to bind directly to chromatin in two modes, either dependent or independent of RCC1, and, where bound, to increase the affinity of chromatin for NE membranes.

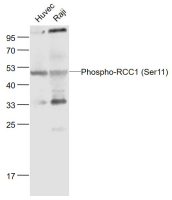
Applications: **WB** (1:500-2000)

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

Predicted MW.: 45 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Huvec(Human) Cell Lysate at 30 ug Raji(Human) Cell Lysate at 30 ug Primary: Anti-Phospho-RCC1 (Ser11) (bs-3360R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 48 kD