

**bs-16681R****[ Primary Antibody ]****phospho-HEF1 (Ser369) Rabbit pAb****Bioss**  
ANTIBODIES

www.bioss.com.cn

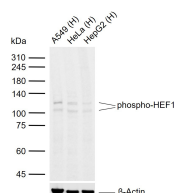
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**DATASHEET**

|   |                      |  |
|---|----------------------|--|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> WB (1:500-2000)                           |
| <b>Clonality:</b> Polyclonal  |                      | <b>Reactivity:</b> Human (predicted: Sheep, Cow, Horse)        |
| <b>GeneID:</b> 4739   | <b>SWISS:</b> Q14511 |  |
| <b>Target:</b> HEF1 (Ser369)  |                      | <b>Predicted MW.:</b> 93 kDa                                   |
| <b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human HEF1 around the phosphorylation site of Ser369: RL(p-S)FS.   |                      | <b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus |
| <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.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |  |
| <b>Background:</b> Docking protein which plays a central coordinating role for tyrosine-kinase-based signaling related to cell adhesion. May function in transmitting growth control signals between focal adhesions at the cell periphery and the mitotic spindle in response to adhesion or growth factor signals initiating cell proliferation. May play an important role in integrin beta-1 or B cell antigen receptor (BCR) mediated signaling in B- and T-cells. Integrin beta-1 stimulation leads to recruitment of various proteins including CRK, NCK and SHPTP2 to the tyrosine phosphorylated form. |                      |  |

**VALIDATION IMAGES**

Sample: Lane 1: Human A549 cell lysates Lane 2: Human HeLa cell lysates Lane 3: Human HepG2 cell lysates  
Primary: Anti-phospho-HEF1 (Ser369) (bs-16681R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 93 kDa  
Observed band size: 105,115 kDa