

bs-16868R**[Primary Antibody]****phospho-KSR1 (Ser404) Rabbit pAb****BioSS**
ANTIBODIES

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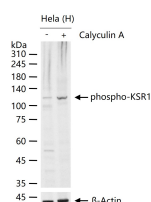
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Pig, Dog)
GeneID: 8844	SWISS: Q8IVT5	
Target: KSR1 (Ser404)		Predicted MW.: 102 kDa
Immunogen: KLH conjugated synthesised phosphopeptide derived from human KSR1 around the phosphorylation site of Ser404: TE(p-S)VP.		Subcellular Location: Cell membrane ,Cytoplasm
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: KSR1 is a molecular scaffold and positive regulator of the Raf/MEK/ERK phosphorylation cascade. It was initially considered to be a protein kinase acting in the Ras pathway. KSR1 is required for maximal ERK activation induced by growth factors and by some cytotoxic agents. In resting cells, phosphorylated KSR1 is cytoplasmic and in stimulated cells, dephosphorylated KSR1 is membrane associated.		

— VALIDATION IMAGES —

HeLa (H) cells were treated with or without Calyculin A (50nM 30) for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with phospho-KSR1 (Ser404) polyclonal antibody, unconjugated (bs-16868R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.