SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-KSR1 (p-S404) Polyclonal Antibody

Catalog Number: SLA0026

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	8844
SWISS:	Q8IVT5
Target:	KSR1 (p-S404)
Immunogen:	KLH conjugated synthesised phosphopeptide derived from human KSR1 around the phosphorylation site of Ser404
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.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	102 kDa
Subcellular Location:	Cytoplasm
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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

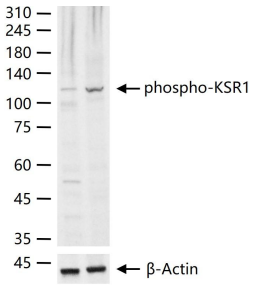


Figure 1. Hela (H) cells were treated with or without Calyculin A (50nM 30) for 30 min, 25 µg total protein per lane of cell lysates (see on figure) probed with phospho-KSR1 (Ser404) polyclonal antibody, unconjugated (SLA0026) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.
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