# antibodies - online.com







### anti-KSR1 antibody (N-Term)



Image



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Quantity:	400 μL
Target:	KSR1
Binding Specificity:	AA 159-194, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KSR1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This KSR antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 159-194 amino acids from the N-terminal region of human KSR.
Clone:	RB9880
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	KSR1
Alternative Name:	KSR (KSR1 Products)

#### Target Details

Background:
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Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.

Molecular Weight:	102160
Gene ID:	8844
NCBI Accession:	NP_055053
UniProt:	Q8IVT5

#### **Application Details**

Application Notes:	WB: 1:1000	
Restrictions:	For Research Use only	

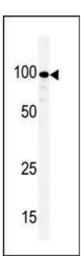
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date:

6 months

#### Images



#### **Western Blotting**

**Image 1.** Western blot analysis of anti-KSR1 Pab in T47D cell line lysate. KSR1(arrow) was detected using the purified Pab.