



**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

Purchase does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written authorization of Allele Biotech is strictly prohibited

**Website:** [www.allelebiotech.com](http://www.allelebiotech.com)  
**Call:** 1-800-991-RNAi/858-587-6645  
(Pacific Time: 9:00AM~5:00PM)  
**Email:** [oligo@allelebiotech.com](mailto:oligo@allelebiotech.com)

**Box 1 | Basic Info**

<b>Cat. No.</b>	ABP-PAB-11326
<b>Animal ID</b>	RB0075-0076
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Format</b>	Purified
<b>Accession number</b>	XM_290793
<b>Amount</b>	100 µg

**Alternative Name(s):** KSR1, RSU2

## **KSR**, kinase suppressor of ras polyclonal antibody

**K**inase suppressor of ras (KSR) is required for activated RAS to signal with normal efficiency, but does not appear to effect signaling by activated RAF. KSR functions in multiple receptor tyrosine kinase pathways. KSR is a general and evolutionarily conserved component of the RAS signaling pathway that acts between RAS and RAF. Although some studies demonstrated a requirement of KSR kinase activity for its action, others indicated the kinase function of KSR is dispensable and suggested that KSR acts primarily as a scaffold protein.

### **Buffers**

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.

### **Immunogen**

KLH conjugated synthetic peptide comprised of amino acids 214 - 226 [MVRRDIGLSVTHR] of the human protein.

### **Application:**

Tested by peptide-specific ELISA (1:1,000).

### **Storage:**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

### **References:**

1. Xing HR, Lozano J, Kolesnick R: Epidermal growth factor treatment enhances the kinase activity of kinase suppressor of Ras. *J. Biol. Chem.* 275(23): 17276-17280 (2000).
2. Therrien M, Chang HC, Solomon NM, Karim FD, Wassarman DA, Rubin GM: KSR, a novel protein kinase required for RAS signal transduction. *Cell* 83(6): 879-888 (1995).