

# KSR1 Rabbit mAb

Catalog # AP77807

## Product Information

<b>Application</b>	WB, IHC-P, IF, FC, ICC
<b>Primary Accession</b>	<a href="#">Q8IVT5</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human KSR1
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	102160

## Additional Information

<b>Gene ID</b>	8844
<b>Other Names</b>	KSR1
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 FC~~1:10~50 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

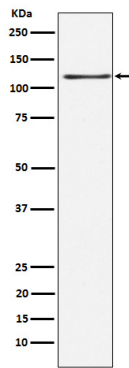
<b>Name</b>	KSR1
<b>Synonyms</b>	KSR
<b>Function</b>	Part of a multiprotein signaling complex which promotes phosphorylation of Raf family members and activation of downstream MAP kinases (By similarity). Independently of its kinase activity, acts as MAP2K1/MEK1 and MAP2K2/MEK2-dependent allosteric activator of BRAF; upon binding to MAP2K1/MEK1 or MAP2K2/MEK2, dimerizes with BRAF and promotes BRAF-mediated phosphorylation of MAP2K1/MEK1 and/or MAP2K2/MEK2 (PubMed: <a href="#">29433126</a> ). Promotes activation of MAPK1 and/or MAPK3, both in response to EGF and to cAMP (By similarity). Its kinase activity is unsure (By similarity). Some protein kinase activity has been detected in vitro, however the physiological relevance of this activity is unknown (By similarity).
<b>Cellular Location</b>	Cytoplasm. Membrane; Peripheral membrane protein. Cell membrane



{ECO:0000250|UniProtKB:Q61097}; Peripheral membrane protein  
{ECO:0000250|UniProtKB:Q61097}. Cell projection, ruffle membrane  
{ECO:0000250|UniProtKB:Q61097}. Endoplasmic reticulum membrane.  
Note=In unstimulated cells, where the phosphorylated form is bound to a  
14-3-3 protein, sequestration in the cytoplasm occurs. Following growth factor  
treatment, the protein is free for membrane translocation, and it moves from  
the cytoplasm to the cell periphery.

## Images

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