

Rabbit KSR1 Polyclonal Antibody | anti-KSR1 antibody

KSR1 Polyclonal Antibody

CATALOG # AAA168751	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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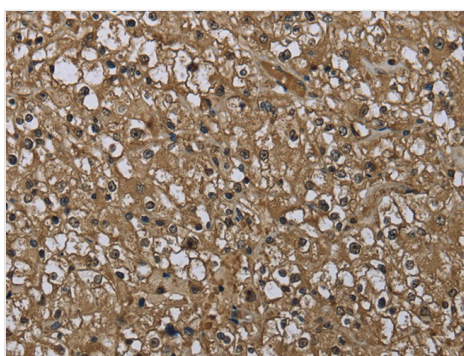
PRODUCT SYNONYMS

KSR1; Polyclonal Antibody; KSR1 Polyclonal Antibody; KSR; RSU2; anti-KSR1 antibody

PRODUCT SPECIFICATIONS

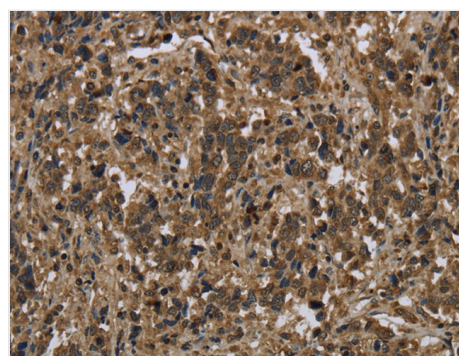
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.6mg/mL (varies by lot)
Sequence Length	762
Applicable Applications for anti-KSR1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human KSR1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using KSR1 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using KSR1 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-KSR1 antibody	Several serine/threonine protein kinases have been implicated as intermediates in signal transduction pathways. These include ERK/MAP kinases, ribosomal S6 kinase (Rsk) and Raf-1. Raf-1 has intrinsic kinase activity towards serine/threonine residues and is widely expressed in many tissue types and cell lines. Raf-1 activation is dependent on the small molecular weight GTPase Ras, but the means by which this activation occurs is poorly understood. Two proteins putatively involved in this process are Ksr-1 and Tak1. Ksr-1 (kinase suppressor of Ras) is a novel Raf-related protein kinase whose function is required for Ras signal transduction. Whether Ksr-1 lies directly downstream of Ras or acts in a parallel pathway is not yet known. Tak1 (TGFbeta-activated kinase) has been shown to participate in the activation of the MAP kinase family in response to TGFbeta stimulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	75677325
NCBI GeneID	8844
NCBI Accession #	NP_055053.1
NCBI GenBank Nucleotide #	NM_014238.1
Molecular Weight	84,697 Da
NCBI Official Full Name	kinase suppressor of Ras 1
NCBI Official Synonym Full Names	kinase suppressor of ras 1
NCBI Official Symbol	KSR1
NCBI Official Synonym Symbols	KSR; RSU2
NCBI Protein Information	kinase suppressor of Ras 1
UniProt Protein Name	Kinase suppressor of Ras 1
UniProt Gene Name	KSR1
UniProt Synonym Gene Names	KSR
UniProt Entry Name	KSR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.