

Rabbit anti-Human KSR2 Polyclonal Antibody | anti-KSR2 antibody

KSR2 Antibody

CATALOG # AAA234077	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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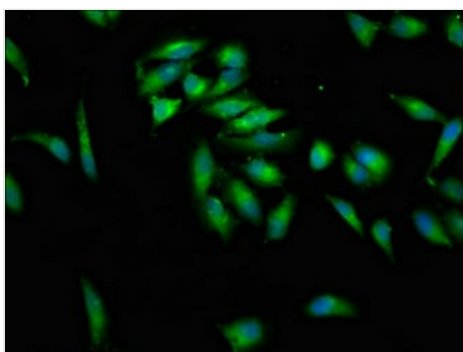
PRODUCT SYNONYMS

KSR2; Polyclonal Antibody; KSR2 Antibody; Kinase suppressor of Ras 2; hKSR2; anti-KSR2 antibody

PRODUCT SPECIFICATIONS

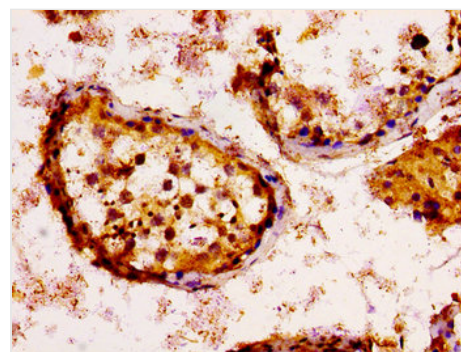
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	921
Applicable Applications for anti-KSR2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Kinase suppressor of Ras 2 protein (159-296AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234077 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234077 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-KSR2 antibody	Location-regulated scaffold connecting MEK to RAF. Has very low protein kinase activity and can phosphorylate MAP2K1 at several Ser and Thr residues with very low efficiency (in vitro). Interaction with BRAF enhances KSR2-mediated phosphorylation of MAP2K1 (in vitro). Blocks MAP3K8 kinase activity and MAP3K8-mediated signaling. Acts as a negative regulator of MAP3K3-mediated activation of ERK, JNK and NF-kappa-B pathways, inhibiting MAP3K3-mediated interleukin-8 production.
Product Categories/Family for anti-KSR2 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	167621456
NCBI GeneID	283455
NCBI Accession #	NP_775869.3
NCBI GenBank Nucleotide #	NM_173598.4
UniProt Accession #	Q6VAB6; Q3B828; Q8N775; A0PJT2
Molecular Weight	49,607 Da
NCBI Official Full Name	kinase suppressor of Ras 2
NCBI Official Synonym Full Names	kinase suppressor of ras 2
NCBI Official Symbol	KSR2
NCBI Protein Information	kinase suppressor of Ras 2
UniProt Protein Name	Kinase suppressor of Ras 2
UniProt Gene Name	KSR2
UniProt Synonym Gene Names	hKSR2

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ksr2-antibody-immunofluorescence-immunohistochemistry-elisa/234077>