
Product Name: KD-Validated KSR1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01039**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 102.2kDa

Antigen Information

Gene Name	KSR1
Alternative Names	KSR1; Kinase Suppressor Of Ras 1; RSU2; KSR; Kinase Suppressor Of Ras; EC 2.7.11.1
Gene ID	8844.0
SwissProt ID	Q8IVT5
Immunogen	A synthesized peptide derived from human KSR1

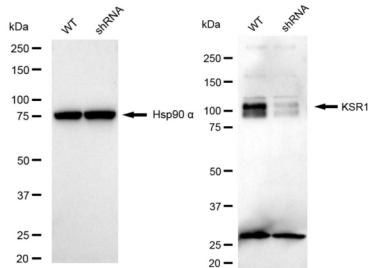
Background

Enables 14-3-3 protein binding activity and ATP binding activity. Involved in positive regulation of MAPK cascade. Located in cytosol; endoplasmic reticulum; and membrane. Part of protein-containing complex. Implicated in breast adenocarcinoma. Biomarker of breast cancer. [provided by Alliance of Genome Resources, Jul 2025]

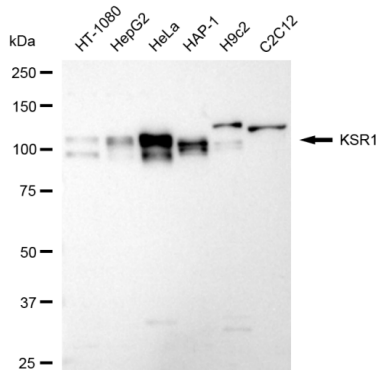
Research Area

Signal Transduction

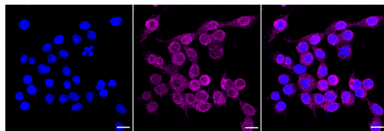
Image Data



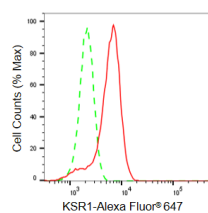
Western blotting analysis using KSR1 antibody (KVA01039). KSR1 expression in wild type (WT) and KSR1 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with KSR1 antibody (KVA01039, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using KSR1 antibody (KVA01039). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with KSR1 antibody (KVA01039, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with KSR1 antibody (KVA01039, 1:1,000). Nuclei were stained blue with DAPI; KSR1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of KSR1 expression in HeLa cells using KSR1 antibody (KVA01039, 1:2,000). Green, isotype control; red, KSR1.