

Product Datasheet

KSR2 Antibody (1G4) - Azide and BSA Free H00283455-M08

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00283455-M08

KSR2 Antibody (1G4) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G4
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

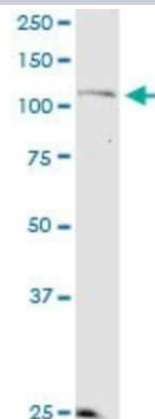
Host	Mouse
Gene ID	283455
Gene Symbol	KSR2
Species	Human, Mouse
Specificity/Sensitivity	KSR2 - kinase suppressor of ras 2
Immunogen	KSR2 (NP_775869, 411 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PAPPLPPSATPPSPLHPSPQCTRQQKNFNLPAASHYYKYKQQFIFPDVVPVPET PTRAPQVILHPVTSNPILQGNPLLQIEVEPTSENEEV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

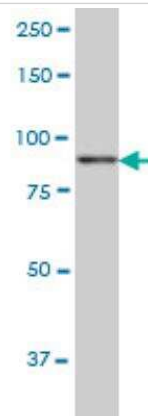
Applications	Western Blot, ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Knockdown Validated
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for RNAi validation and ELISA.

Images

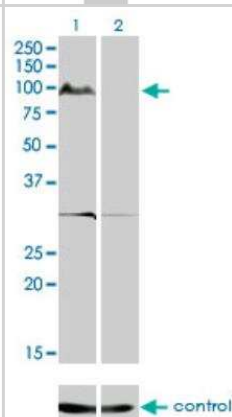
Western Blot: KSR2 Antibody (1G4) [H00283455-M08] - Analysis of KSR2 expression in A-431.



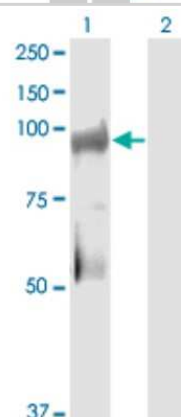
Western Blot: KSR2 Antibody (1G4) [H00283455-M08] - Western Blot analysis of KSR2 expression in K-562 (Cat # L009V1).



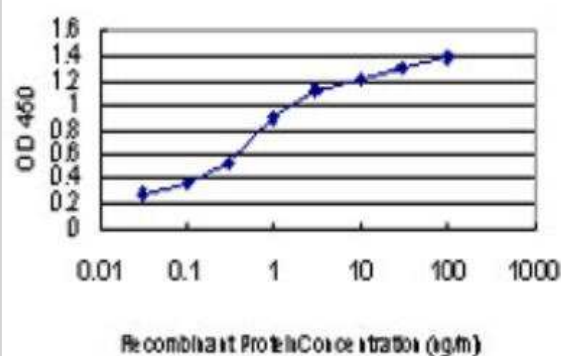
Western Blot: KSR2 Antibody (1G4) [H00283455-M08] - Western blot analysis of KSR2 over-expressed 293 cell line, cotransfected with KSR2 Validated Chimera RNAi or non-transfected control. Blot probed with H00283455-M08. GAPDH (36.1 kDa) used as loading control.



Western Blot: KSR2 Antibody (1G4) [H00283455-M08] - Analysis of KSR2 expression in transfected 293T cell line by KSR2 monoclonal antibody (M08), clone 1G4. Lane 1: KSR2 transfected lysate (Predicted MW: 93.6 KDa). Lane 2: Non-transfected lysate.



ELISA: KSR2 Antibody (1G4) [H00283455-M08] - Detection limit for recombinant GST tagged KSR2 is approximately 0.03ng/ml as a capture antibody.



Publications

Chao G, Si-Wei W, Jia-Cheng L et al. KSR2-14-3-3? complex serves as a biomarker and potential therapeutic target in sorafenib-resistant hepatocellular carcinoma. *Biomark Res.* 2022-04-25 [PMID: 35468812]

Gonzalez de Valdivia E, Broselid S, Kahn R et al. G protein-coupled Estrogen Receptor 1 (GPER1)/GPR30 Increases ERK1/2 Activity Through PDZ-dependent and -independent Mechanisms. *J Biol Chem* 2017-04-27 [PMID: 28450397]

Fernandez MR, Henry MD, Lewis RE. Kinase Suppressor of Ras-2 (KSR2) Regulates Tumor Cell Transformation Via AMPK. *Mol Cell Biol.* 2012-07-16 [PMID: 22801368]

Costanzo-Garvey DL, Pfluger PT, Dougherty MK et al. KSR2 is an essential regulator of AMP kinase, energy expenditure, and insulin sensitivity. *Cell Metab* 10(5):366-78. 2009-11-01 [PMID: 19883615]





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Products Related to H00283455-M08

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-83553PEP	KSR2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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