

KSR2 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant KSR2.

Catalog # AT2664a

Product Information

Application	WB, E
Primary Accession	Q6VAB6
Other Accession	NM_173598
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	1G4
Calculated MW	107632

Additional Information

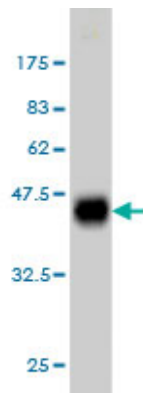
Gene ID	283455
Other Names	Kinase suppressor of Ras 2, hKSR2, KSR2
Target/Specificity	KSR2 (NP_775869, 411 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	KSR2 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

References

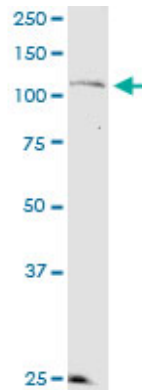
1.Kinase Suppressor of Ras-2 (KSR2) Regulates Tumor Cell Transformation Via AMPK.Fernandez MR, Henry MD, Lewis RE.Mol Cell Biol. 2012 Jul 16.2.KSR2 is an essential regulator of AMP kinase, energy expenditure, and insulin sensitivity.Costanzo-Garvey DL, Pfluger PT, Dougherty MK, Stock JL, Boehm M, Chaika O, Fernandez MR, Fisher K, Kortum RL, Hong EG, Jun JY, Ko HJ, Schreiner A, Volle DJ, Treece T, Swift AL, Winer M, Chen D, Wu M, Leon LR, Shaw AS, McNeish J, Kim JK, Morrison DK, TschoCell Metab. 2009 Nov;10(5):366-78.

Images

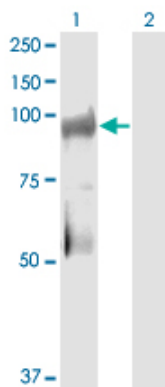
Antibody Reactive Against Recombinant Protein.Western



Blot detection against Immunogen (35.53 KDa) .

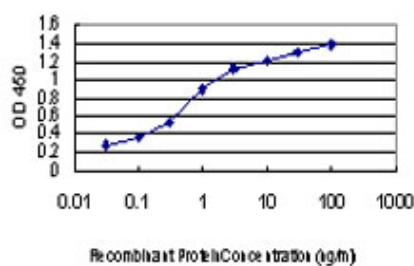


KSR2 monoclonal antibody (M08), clone 1G4. Western Blot analysis of KSR2 expression in A-431.

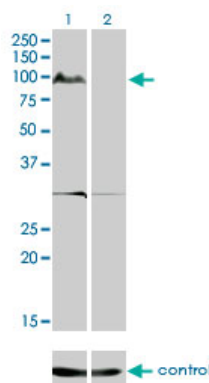


Western Blot analysis of KSR2 expression in transfected 293T cell line by KSR2 monoclonal antibody (M08), clone 1G4.

Lane 1: KSR2 transfected lysate (Predicted MW: 93.6 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged KSR2 is approximately 0.03ng/ml as a capture antibody.



Western blot analysis of KSR2 over-expressed 293 cell line, cotransfected with KSR2 Validated Chimera RNAi (Cat # AT2664a)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.