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anti-KSR2 antibody (AA 159-296)

Images



Overview

Quantity:	100 μg
Target:	KSR2
Binding Specificity:	AA 159-296
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KSR2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Kinase suppressor of Ras 2 protein (159-296AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KSR2
Alternative Name:	KSR2 (KSR2 Products)
Background:	Background: 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

Target Details

(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.

Aliases: FLJ25965 antibody, hKSR 2 antibody, hKSR2 antibody, Kinase suppressor of Ras 2 antibody, KSR 2 antibody, KSR 2 antibody, KSR2_HUMAN antibody

UniProt:

Q6VAB6

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Handling	

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20 °C or -80 °C. Avoid repeated freeze.

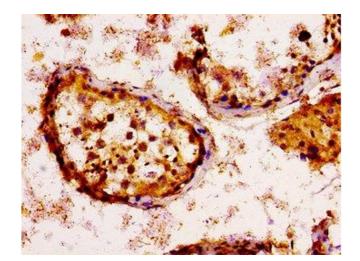
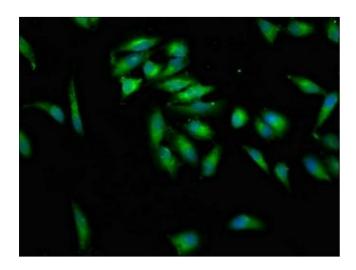




Image 1. IHC image of ABIN7157558 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of Hela cells with ABIN7157558 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°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).