Datasheet for ABIN7167891

anti-RECK antibody (AA 23-212)

3 Images

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Overview

Quantity:	100 µg
Target:	RECK
Binding Specificity:	AA 23-212
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RECK antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Reversion-inducing cysteine-rich protein with Kazal motifs protein (23-212AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RECK
Alternative Name:	RECK (RECK Products)
Background:	Background: Negatively regulates matrix metalloproteinase-9 (MMP-9) by suppressing MMP-9

Target Details

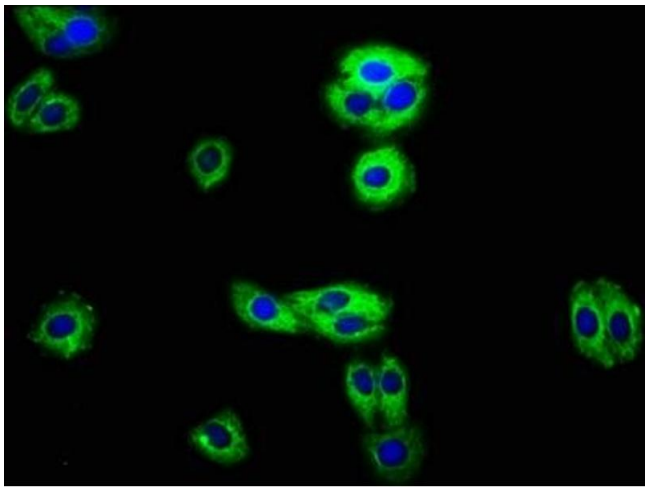
	secretion and by direct inhibition of its enzymatic activity. RECK down-regulation by oncogenic signals may facilitate tumor invasion and metastasis. Appears to also regulate MMP-2 and MT1-MMP, which are involved in cancer progression. Aliases: hRECK antibody, Membrane anchored glycoprotein (metastasis and invasion) antibody, RECK antibody, RECK protein antibody, RECK_HUMAN antibody, Reversion inducing cysteine rich protein with Kazal motifs antibody, Reversion-inducing cysteine-rich protein with Kazal motifs antibody, ST15 antibody, Suppression of tumorigenicity 15 (reversion inducing cysteine rich protein with kazal motifs) antibody, Suppressor of tumorigenicity 15 antibody, Suppressor of tumorigenicity 15 protein antibody
UniProt:	O95980

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

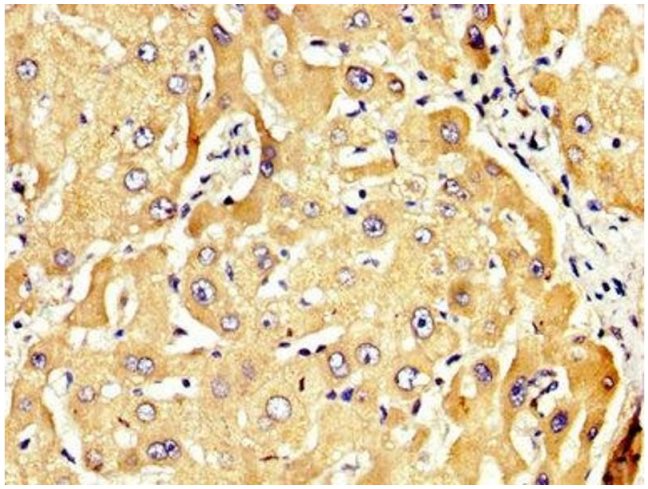
Handling

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.



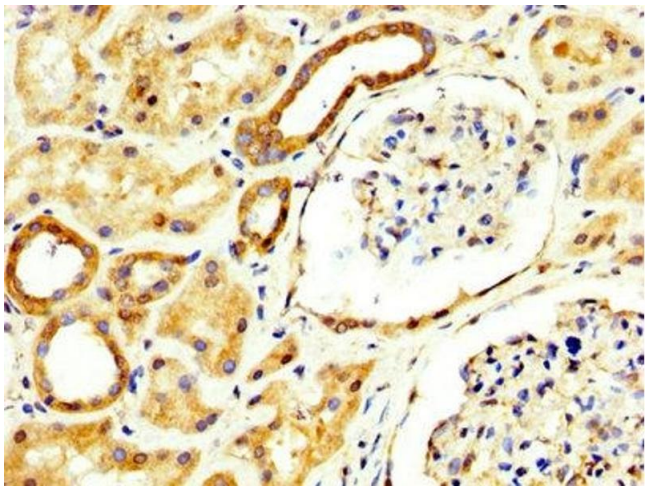
Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7167891 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).



Immunohistochemistry

Image 2. IHC image of ABIN7167891 diluted at 1:300 and staining in paraffin-embedded human liver 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.



Immunohistochemistry

Image 3. IHC image of ABIN7167891 diluted at 1:300 and staining in paraffin-embedded human kidney 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.

