Product Name: RECK Rabbit Polyclonal Antibody
Catalog #: APRab16990

Summary

Production Name	RECK Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RECK
Alternative Names	RECK; ST15; Reversion-inducing cysteine-rich protein with Kazal motifs; hRECK; Suppressor of tumorigenicity 15 protein
Gene ID	8434.0
SwissProt ID	O95980.The antiserum was produced against synthesized peptide derived from human RECK. AA range:21-70

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:20000.
Molecular Weight	110kD

Background

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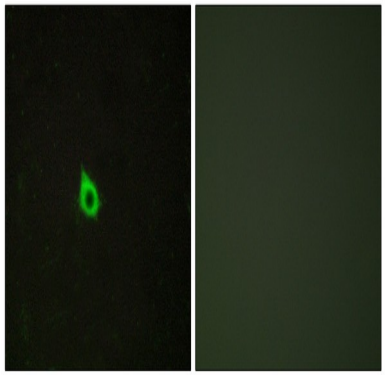
The protein encoded by this gene is a cysteine-rich, extracellular protein with protease inhibitor-like domains whose expression is suppressed strongly in many tumors and cells transformed by various kinds of oncogenes. In normal cells, this membrane-anchored glycoprotein may serve as a negative regulator for matrix metalloproteinase-9, a key enzyme involved in tumor invasion and metastasis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015],function:Negatively regulates matrix metalloproteinase-9 (MMP-9) by suppressing MMP-9 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.,PTM:N-glycosylated.,similarity:Contains 3 Kazal-like domains.,subunit:Interacts with MMP-9.,tissue specificity:Expressed in various tissues and untransformed cells. It is undetectable in tumor-derived cell lines and oncogenically transformed cells.,

Research Area

Image Data



Immunofluorescence analysis of HepG2 cells, using RECK Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.