

## RECK Polyclonal Antibody

<b>Catalog No :</b>	YT4036
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;IF;WB;ELISA
<b>Target :</b>	RECK
<b>Fields :</b>	>>MicroRNAs in cancer
<b>Gene Name :</b>	RECK
<b>Protein Name :</b>	Reversion-inducing cysteine-rich protein with Kazal motifs
<b>Human Gene Id :</b>	8434
<b>Human Swiss Prot No :</b>	O95980
<b>Mouse Gene Id :</b>	53614
<b>Mouse Swiss Prot No :</b>	Q9Z0J1
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human RECK. AA range:21-70
<b>Specificity :</b>	RECK Polyclonal Antibody detects endogenous levels of RECK protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 110kD

**Background :** 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 :** 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.,

**Subcellular Location :** Cell membrane ; Lipid-anchor, GPI-anchor .

**Expression :** Expressed in various tissues and untransformed cells (PubMed:9789069). It is undetectable in tumor-derived cell lines and oncogenically transformed cells (PubMed:9789069).

**Tag :** hot

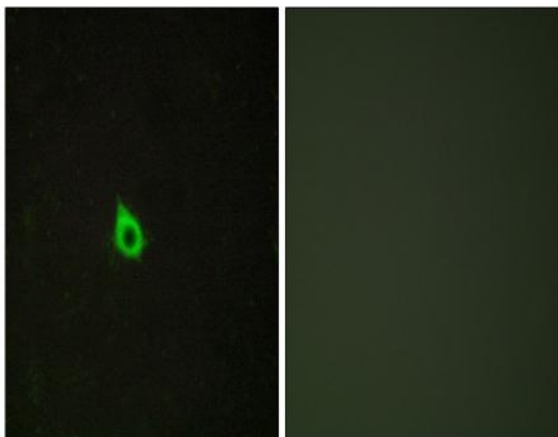
**Sort :** 14071

**No4 :** 1

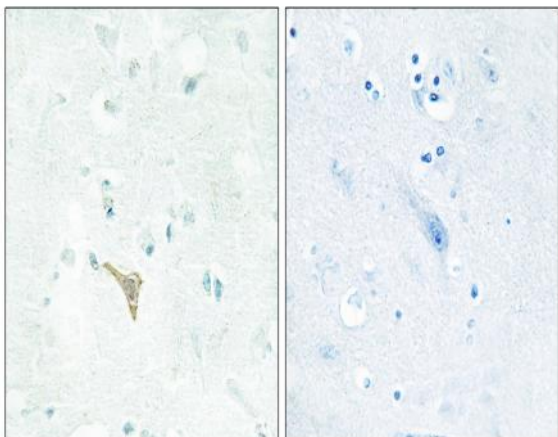
**Host :** Rabbit

**Modifications :** Unmodified

## Products Images



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



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using RECK Antibody. The picture on the right is blocked with the synthesized peptide.