Datasheet for ABIN681418

# anti-RECK antibody (AA 801-900)

2 Publications

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | RECK |
| Binding Specificity: | AA 801-900 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RECK antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

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|---|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human RECK |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Cow,Pig,Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | RECK |
| Alternative Name: | RECK (RECK Products) |

## Target Details

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| Background: | Synonyms: ST15, Reversion-inducing cysteine-rich protein with Kazal motifs, hRECK, Suppressor of tumorigenicity 15 protein, RECK<br>Background: 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. |
| Gene ID: | 8434 |
| UniProt: | O95980 |

## Application Details

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| Application Notes: | WB 1:300-5000<br>ELISA 1:500-1000<br>IHC-F 1:100-500<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 1 μg/μL |
| Buffer: | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

## Publications

| | |
|---|---|
| Product cited in: | Liu, Chi, Lu, Zhang, Yamakawa: "Reversion-inducing-cysteine-rich Protein with Kazal Motif Is |

Involved in Intimal Hyperplasia in Carotid Arteries: A New Insight in the Prevention of Restenosis after Vascular Angioplasty." in: **Annals of vascular surgery**, Vol. 29, Issue 6, pp. 1293-9, (2015) (PubMed).

Siddesha, Valente, Sakamuri, Gardner, Delafontaine, Noda, Chandrasekar: "Acetylsalicylic acid inhibits IL-18-induced cardiac fibroblast migration through the induction of RECK." in: **Journal of cellular physiology**, Vol. 229, Issue 7, pp. 845-55, (2014) (PubMed).