

Datasheet for ABIN3032341  
**anti-PCSK9 antibody (AA 671-687)**



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## Overview

Quantity:	100 µg
Target:	PCSK9
Binding Specificity:	AA 671-687
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Amino acids 671-687 (AVTAVAICCRSRHLAQA-human) were used as the immunogen for this PCSK9 antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	PCSK9
Alternative Name:	PCSK9 ( <a href="#">PCSK9 Products</a> )
Background:	Proprotein convertase subtilisin/kexin type 9 is an enzyme that in humans is encoded by the PCSK9 gene. This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. By genomic sequence analysis, PCSK9 was

## Target Details

mapped to chromosome 1p32. This gene is a crucial player in the regulation of plasma cholesterol homeostasis. It may prevent the recycling of LDLR from endosomes to the cell surface or direct it to lysosomes for degradation. It can induce ubiquitination of LDLR leading to its subsequent degradation. This gene is involved in the disposal of non-acetylated intermediates of BACE1 in the early secretory pathway.

UniProt: [Q8NBP7](#)

## Application Details

Application Notes: The stated application concentrations are suggested starting points. Titration of the PCSK9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

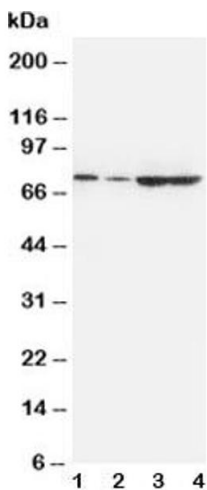
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

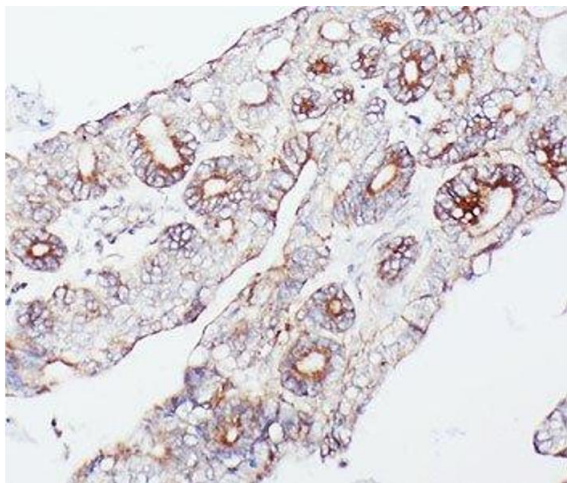
Storage Comment: After reconstitution, the PCSK9 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



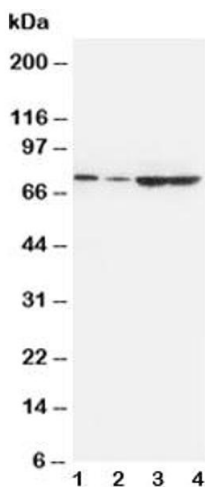
### Western Blotting

**Image 1.** Western blot testing of PCSK9 antibody and Lane 1: A549; 2: HeLa; 3: U87; 4: PANC cell lysate



**Immunohistochemistry**

**Image 2.** IHC-P: PCSK9 antibody testing of human intestinal cancer tissue



**Western Blotting**

**Image 3.** Western blot testing of PCSK9 antibody and Lane 1: A549