

# PCSK9 Rabbit pAb

**Catalog No.: A24478**

## Basic Information

**Observed MW**

65kDa/80kDa/65kDa,80kDa

**Calculated MW**

20kDa/74kDa

**Category**

Primary antibody

**Applications**

WB,IF/ICC,IP,ELISA

**Cross-Reactivity**

Human, Rat

## Background

This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver, intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:1000**IF/ICC** 1:50 - 1:200**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Contact

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## Immunogen Information

**Gene ID**

255738

**Swiss Prot**

Q8NBP7

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

PCSK9; FH3; HCHOLA3; LDLQC1; NARC-1; NARC1; PC9; proprotein convertase subtilisin/kexin type 9

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

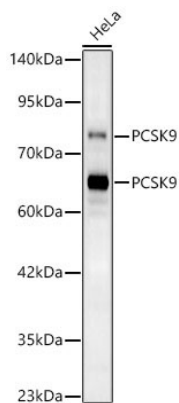
Affinity purification

**Storage**

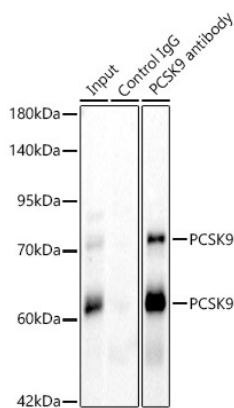
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

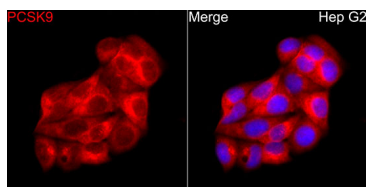
Validation Data



Western blot analysis of lysates from HeLa cells using PCSK9 Rabbit pAb (A24478) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.



Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug PCSK9 Rabbit pAb antibody (A24478 1:100). Western blot was performed from the immunoprecipitate using PCSK9 Rabbit pAb antibody (A24478) at a dilution of 1:1000.



Immunofluorescence analysis of HepG2 cells using PCSK9 Rabbit pAb (A24478) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.