

# Proprotein Convertase 9(PCSK9) Rabbit mAb

Catalog No.: A21909 Recombinant 1 Publications

### **Basic Information**

### **Observed MW**

65 kDa

#### **Calculated MW**

74 kDa

### Category

Primary antibody

### **Applications**

WB,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC0695

### **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 - 1:4000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

**Gene ID**255738

Swiss Prot
Q8NBP7

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

FH3; PC9; FHCL3; NARC1; LDLCQ1; NARC-1; HCHOLA3; Proprotein Convertase 9(PCSK9)

### **Contact**

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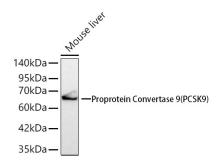
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using Proprotein Convertase 9(PCSK9) Rabbit mAb (A21909) at 1:1000 dilution

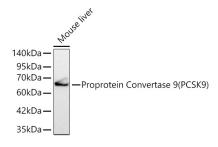
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of lysates from Mouse liver using Proprotein Convertase 9(PCSK9) Rabbit mAb (A21909) at 1:500 dilution incubated overnight at  $4^{\circ}$ C.

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: 30s.