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**Product Name: PCSK9 Rabbit Monoclonal Antibody****Catalog #: AMRe87597**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,FC,IP
<b>Reactivity</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC/IF 1:100-1:200,FC 1:200-1:500,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:75 kDa; Observed MW:65 kDa

**Antigen Information**

<b>Gene Name</b>	PCSK9
<b>Alternative Names</b>	FH3; PC9; Narc1; HCHOLA3
<b>Gene ID</b>	100102
<b>SwissProt ID</b>	Q80W65
<b>Immunogen</b>	Recombinant protein of mouse PCSK9

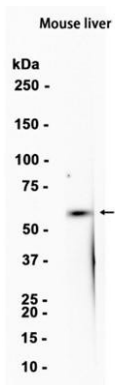
**Background**

Enables apolipoprotein binding activity; lipoprotein particle binding activity; and low-density lipoprotein particle receptor binding activity. Involved in several processes, including cellular response to insulin stimulus; cellular response to starvation;

and regulation of neuron apoptotic process. Acts upstream of or within several processes, including low-density lipoprotein receptor particle metabolic process; regulation of low-density lipoprotein particle receptor catabolic process; and triglyceride metabolic process. Located in COPII-coated ER to Golgi transport vesicle; endoplasmic reticulum; and extracellular space. Is expressed in several structures, including alimentary system; cerebellum; genitourinary system; liver; and telencephalon. Human ortholog(s) of this gene implicated in familial hypercholesterolemia and hypobetalipoproteinemia. Orthologous to human PCSK9 (proprotein convertase subtilisin/kexin type 9). [provided by Alliance of Genome Resources, Apr 2022]

## Research Area

## Image Data



Western blot analysis of extracts from Mouse liver tissue using PCSK9 Rabbit Monoclonal Antibody at 1:1000.