

	<h1>PCSK9 (N-term) Rabbit pAb</h1>	E 2 6 2 0 6 9 7
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Swiss-Prot No.:	Q8NBP7
Altername:	PCSK9
Storage/Stability:	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Immunogen:	This PCSK9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-173 amino acids from the N-terminal region of human PCSK9.
Purification:	Affinity purified
Reactivity:	Human
Other Names:	FH3; PC9; NARC1; LDLCQ1; NARC-1; HCHOLA3
Cellular localization:	Cytoplasm, Endoplasmic reticulum, Endosome, Golgi apparatus, Lysosome, Secreted
	Crucial player in the regulation of plasma cholesterol homeostasis. Binds to low-density lipid receptor family members: low density lipoprotein receptor (LDLR), very low density lipoprotein receptor (VLDLR), apolipoprotein E receptor (LRP1/APOER) and apolipoprotein receptor 2 (LRP8/APOER2), and promotes their degradation in intracellular acidic compartments. Acts via a non-proteolytic mechanism to enhance the degradation of the hepatic LDLR through a clathrin LDLRAP1/ARH-mediated pathway. May prevent the

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Relevance:	recycling of LDLR from endosomes to the cell surface or direct it to lysosomes for degradation. Can induce ubiquitination of LDLR leading to its subsequent degradation. Inhibits intracellular degradation of APOB via the autophagosome/lysosome pathway in a LDLR-independent manner. Involved in the disposal of non-acetylated intermediates of BACE1 in the early secretory pathway. Inhibits epithelial Na(+) channel (ENaC)-mediated Na(+) absorption by reducing ENaC surface expression primarily by increasing its proteasomal degradation. Regulates neuronal apoptosis via modulation of LRP8/APOER2 levels and related anti-apoptotic signaling pathways.
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit Ig
Molecular Weight:	H=74 KDa
Preservative:	PBS with 0.09% (W/V) sodium azide, pH7.3.
Recommended Dilutions:	WB:1:1000;FC:1:25