

## Product datasheet for **AP18147PU-N**

### PCSK9 (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	<b>Peptide ELISA:</b> 1/1,000. <b>Western blotting:</b> 1/1,000. <b>Flow cytometry:</b> 1/10-1/50. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 144-173 amino acids from the N-terminal region of human PCSK9.
Specificity:	This antibody reacts to PCSK9.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	proprotein convertase subtilisin/kexin type 9
Database Link:	<a href="#">Entrez Gene 255738 Human</a> <a href="#">Q8NBP7</a>



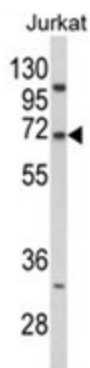
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**Background:** PCSK9 is a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. This protein is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. The protein may function as a proprotein convertase. The protein plays a role in cholesterol homeostasis and may have a role in the differentiation of cortical neurons.

**Synonyms:** PCSK-9, NARC1, Proprotein convertase subtilisin/kexin type 9, Proprotein convertase PC9, Subtilisin/kexin-like protease PC9, Neural apoptosis-regulated convertase 1, NARC-1

**Protein Families:** Secreted Protein

### Product images:



Western blot analysis of PCSK9 Antibody (N-term) in Jurkat cell line lysates (35ug/lane). PCSK9 (arrow) was detected using the purified Pab.