

# PCSK1 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22127a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P29120</a>
<b>Other Accession</b>	<a href="#">P28840</a>
<b>Reactivity</b>	Human, Rat
<b>Predicted</b>	Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB55297
<b>Calculated MW</b>	84152

## Additional Information

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<b>Gene ID</b>	5122
<b>Other Names</b>	Neuroendocrine convertase 1, NEC 1, 3.4.21.93, Prohormone convertase 1, Proprotein convertase 1, PC1, PCSK1, NEC1
<b>Target/Specificity</b>	This PCSK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 175-207 amino acids from human PCSK1.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	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.
<b>Precautions</b>	PCSK1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PCSK1
<b>Synonyms</b>	NEC1
<b>Function</b>	Involved in the processing of hormone and other protein precursors at sites

comprised of pairs of basic amino acid residues. Substrates include POMC, renin, enkephalin, dynorphin, somatostatin, insulin and AGRP.

#### Cellular Location

Cytoplasmic vesicle, secretory vesicle. Note=Localized in the secretion granules

## Background

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Involved in the processing of hormone and other protein precursors at sites comprised of pairs of basic amino acid residues. Substrates include POMC, renin, enkephalin, dynorphin, somatostatin and insulin.

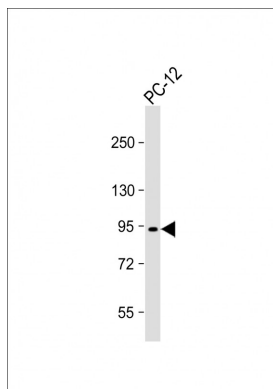
## References

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Seidah N.G.,et al.DNA Cell Biol. 11:283-289(1992).  
Ohagi S.,et al.Diabetes 45:897-901(1996).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Schmutz J.,et al.Nature 431:268-274(2004).

## Images

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Anti-PCSK1 Antibody (N-Term) at 1:1000 dilution + PC-12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 84 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.