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PCSK1 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22127a

Product Information

Application	WB, E
Primary Accession	P29120
Other Accession	P28840
Reactivity	Human, Rat
Predicted	Rat, Mouse, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55297
Calculated MW	84152

Additional Information

Gene ID	5122
Other Names	Neuroendocrine convertase 1, NEC 1, 3.4.21.93, Prohormone convertase 1, Proprotein convertase 1, PC1, PCSK1, NEC1
Target/Specificity	This PCSK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 175-207 amino acids from human PCSK1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
Storage	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.
Precautions	PCSK1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

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

	comprised of pairs of basic amino acid residues. Substrates include POMC, renin, oxytocin, vasopressin, enkephalin, dynorphin, somatostatin, insulin and AGRP.
Cellular Location	Cytoplasmic vesicle, secretory vesicle. Note=Localized in the secretion granules

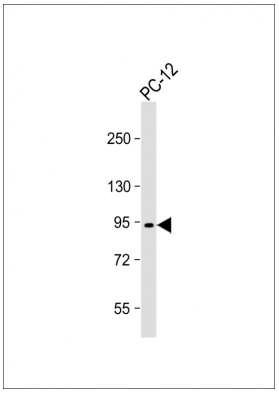
Background

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).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Images



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'.