

Rabbit PCSK1 Polyclonal Antibody | anti-PCSK1 antibody

PCSK1 Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab)

CATALOG # AAA290740	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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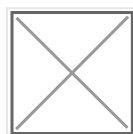
PRODUCT SYNONYMS

PCSK1; Polyclonal Antibody; PCSK1 Antibody (C-Term); Purified Rabbit Polyclonal Antibody (Pab); Neuroendocrine convertase 1; NEC 1; 3.4.21.93; Prohormone convertase 1; Proprotein convertase 1; PC1; NEC1; anti-PCSK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Ig
Specificity	This PCSK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 682-715 amino acids from human PCSK1.
Form/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.
Sequence Length	753
Applicable Applications for anti-PCSK1 antibody	ELISA, WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Cytoplasmic vesicle, secretory vesicle. Note=Localized in the secretion granules.
Antigen Type	Synthesized Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-PCSK1 Antibody (C-Term) at 1:2000 dilution
Lane 1: Hela whole cell lysate
Lane 2: A549 whole cell lysate
Lane 3: PC-12 whole cell lysate
Lane 4: mouse brain lysate
Lane 5: NCI-H460 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 84 kDa
Blocking/Dilution buffer: 5% NFD/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK1 antibody	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.
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Product Categories/Family for anti-PCSK1 antibody	Primary Antibodies; Cancer; Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Creemers J.W.M.,et al.FEBS Lett. 300:82-88 (1992). 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	20336242
NCBI GeneID	5122
NCBI Accession #	NP_000430.3
NCBI GenBank Nucleotide #	NM_000439.4
UniProt Accession #	P29120; P78478; Q92532; B7Z8T7; E9PHA1
Molecular Weight	84152
NCBI Official Full Name	neuroendocrine convertase 1 isoform 1 preproprotein
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 1
NCBI Official Symbol	PCSK1
NCBI Official Synonym Symbols	PC1; PC3; NEC1; SPC3; BMIQ12
NCBI Protein Information	neuroendocrine convertase 1
UniProt Protein Name	Neuroendocrine convertase 1
UniProt Gene Name	PCSK1
UniProt Synonym Gene Names	NEC1; NEC 1; PC1
UniProt Entry Name	NEC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcsk1-antibody-western-blot-elisa/290740>