

Datasheet for ABIN6145322  
**anti-PCSK1 antibody (AA 604-753)**



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## Overview

Quantity:	100 µL
Target:	PCSK1
Binding Specificity:	AA 604-753
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 604-753 of human PCSK1 (NP_000430.3).
Sequence:	PRVYTSYNTV QNDRRGVEKM VDPGEEQPTQ ENPKENTLVS KSPSSSSVGG RRDELEEGAP SQAMLRLLQS AFSKNSPPKQ SPKKSPSAKL NIPYENFYEA LEKLNKPSQL KDSEDSLYND YVDVFYNTKP YKHRDDRLLQ ALVDILNEEN
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	PCSK1
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Target Details

Alternative Name:	PCSK1 ( <a href="#">PCSK1 Products</a> )
Background:	<p>This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER and sorts to subcellular compartments where a second autocatalytic even takes place and the catalytic activity is acquired. The protease is packaged into and activated in dense core secretory granules and expressed in the neuroendocrine system and brain. This gene encodes one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. It functions in the proteolytic activation of polypeptide hormones and neuropeptides precursors. Mutations in this gene have been associated with susceptibility to obesity and proprotein convertase 1/3 deficiency. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this</p> <p>gene,PCSK1,BMIQ12,NEC1,PC1,PC3,SPC3,Cancer,Signal Transduction,Cell Biology &amp; Developmental Biology,Growth factor,Ubiquitin,Endocrine &amp; Metabolism,Neuroscience,PCSK1</p>
Molecular Weight:	79 kDa/84 kDa
Gene ID:	5122
UniProt:	<a href="#">P29120</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a>

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Handling

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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.