antibodies -online.com





anti-PCSK1N antibody (N-Term)





Go to Product page

Overview

Quantity:	100 μL
Target:	PCSK1N
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK1N antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Rat Pcsk1n
Sequence:	STPLRLRRAV PRGEAAGAVQ ELARALAHLL EAERQERARA EAQEAEDQQA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Pcsk1n. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PCSK1N
Alternative Name:	Pcsk1n (PCSK1N Products)
Background:	Pcsk1n may function in the control of the neuroendocrine secretory pathway. It is proposed to

be a specific endogenous inhibitor of PCSK1. ProSAAS and Big PEN-LEN, both containing the C-terminal inhibitory domain, but not the processed peptides reduce PCSK1 activity in the endoplasmic reticulum and Golgi. It reduces the activity of the 87 kDa form but not the autocatalytically derived 65 kDa form of PCSK1. Subsequent processing of proSAAS may eliminate the inhibition. Slows down convertase-mediated processing of proopiomelanocortin and proenkephalin. Pcsk1n may control the intracellular timing of PCSK1 rather than its total level of activity. The function of the processed secreted peptides is not known.

Alias Symbols: Saas

Protein Interaction Partner: STXBP5L,

Protein Size: 260

 Molecular Weight:
 28 kDa

 Gene ID:
 246333

 NCBI Accession:
 NM_019279, NP_062152

 UniProt:
 Q9QXU9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 260 AA
Restrictions:	For Research Use only

Handling

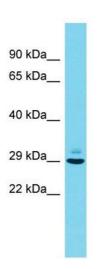
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: Pcsk1n Sample Type: Rat Thymus lysates Antibody Dilution: 1.0ug/ml