

Product datasheet for **TA357560**

Pcsk1n Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Rat Pcsk1n
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Human, Mouse, Rat Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	28kDa
Gene Name:	proprotein convertase subtilisin/kexin type 1 inhibitor
Database Link:	NP_062152 Entrez Gene 246333 Rat Q9QXU9



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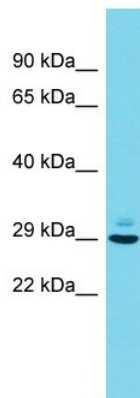
Background:

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.

Synonyms:

pro-SAAS; PROSAAS; SAAS

Product images:



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



Host: Rabbit
Target Name: PCSK1N
Sample Type: Rat Testis Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: PCSK1N
Sample Tissue: Rat Testis
Antibody Dilution: 3ug/ml