

PCSK1 Rabbit pAb

db4605

Package : 20µL 50µL 100µL

Product Name : PCSK1 Rabbit pAb**Cat.No.:** db4605**Synonyms** : PC1; PC3; NEC1; SPC3; PC1/3; BMIQ12**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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 event 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 gene [provided by RefSeq, Jan 2014]

Immunogen

Recombinant protein of human PCSK1

Gene ID

5122, 18548, 25204

Swiss Prot

P29120, P63239, P28840

Synonyms

PC1; PC3; NEC1; SPC3; PC1/3; BMIQ12

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000

IHC: 1:200

ICC/IF: 1:50

FC: 1:20

IP: 1:20

Calculated MW

84 kDa

| | |
|--------------------------|---|
| Observed MW | 70 kDa |
| Host species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |