

Furin Rabbit pAb

db5499

Package : 20µL 50µL 100µL

Product Name : Furin Rabbit pAb**Cat.No.:** db5499**Synonyms** : FUR; PACE; SPC1; PCSK3**Application** : WB, IHC, ICC/IF**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. It encodes a type 1 membrane bound protease that is expressed in many tissues, including neuroendocrine, liver, gut, and brain. The encoded protein undergoes an initial autocatalytic processing event in the ER and then sorts to the trans-Golgi network through endosomes where a second autocatalytic event takes place and the catalytic activity is acquired. The product of this gene is one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. Some of its substrates include parathyroid hormone, transforming growth factor beta 1 precursor, proalbumin, pro-beta-secretase, membrane type-1 matrix metalloproteinase, beta subunit of pro-nerve growth factor and von Willebrand factor. It is also thought to be one of the proteases responsible for the activation of HIV envelope glycoproteins gp160 and gp140 and may play a role in tumor progression. This gene is located in close proximity to family member proprotein convertase subtilisin/kexin type 6 and upstream of the FES oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Immunogen

Recombinant protein of human Furin

Gene ID

5045

Swiss Prot

P09958

Synonyms

FUR; PACE; SPC1; PCSK3

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF

Recommended dilution

WB: 1:1000-1:5000

IHC: 1:50

ICC/IF: 1:50

Calculated MW

87 kDa

Observed MW	87 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.