Recombinant DGRmAb®

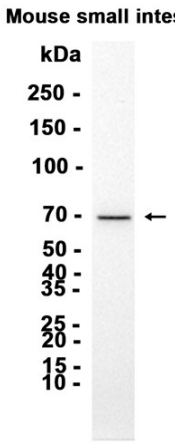
PCSK1 (DGR15716) Rabbit mAb

db11382 **Package : 10μL 20μL 50μL 100μL**

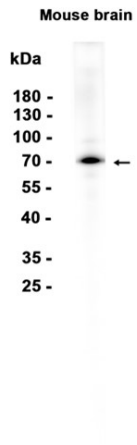
Product Name : PCSK1 (DGR15716) Rabbit mAb
Cat.No.: db11382
Synonyms : PC1; PC3; NEC1; SPC3; PC1/3; BMIQ12
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 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 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-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:100 FC: 1:20-1:50 IP: 1:20-1:50
Calculated MW	84 kDa

Observed MW	70 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15716
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.



Western blot analysis of extracts from Mouse small intestine tissue using db11382 at 1:1000.



Western blot analysis of extracts from Mouse brain tissue using db11382 at 1:100.