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PCSK1 (14N9) Rabbit Monoclonal Antibody
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Catalog # AP93750

Specification

PCSK1 (14N9) Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, FC, ICC, IP
Primary Accession	P29120, P63239, P28840
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal

PCSK1 (14N9) Rabbit Monoclonal Antibody - Additional Information

Dilution
WB~~1:1000
IHC~~1:100~500
IF~~1:50~200
FC~~1:10~50
ICC~~N/A
IP~~N/A

Storage Conditions
-20℃

PCSK1 (14N9) Rabbit Monoclonal Antibody - Protein Information

PCSK1 (14N9) Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PCSK1 (14N9) Rabbit Monoclonal Antibody - Images

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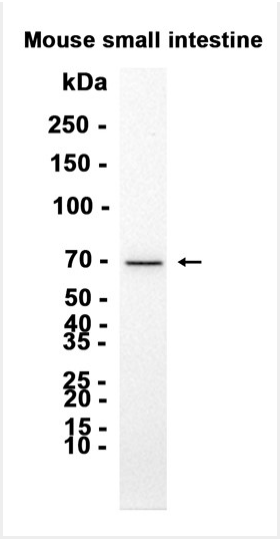

Western blot analysis of extracts from Mouse small intestine tissue using AP93750 at 1:1000.

PCSK1 (14N9) Rabbit Monoclonal Antibody - 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]