

PCSK9 Rabbit Polyclonal Antibody



CAB7860

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

65kDa/80kDa

Calculated MW:

20kDa/74kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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 autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver, intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

255738

Uniprot

Q8NBP7

Synonyms:

PCSK9; FH3; HCHOLA3; LDLCQ1; NARC-1; NARC1; PC9

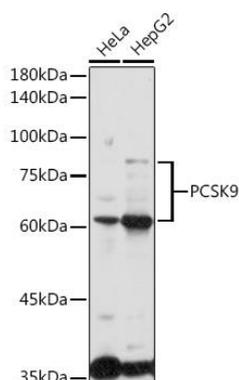
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 600 to the C-terminus of human PCSK9 (NP_777596.2).

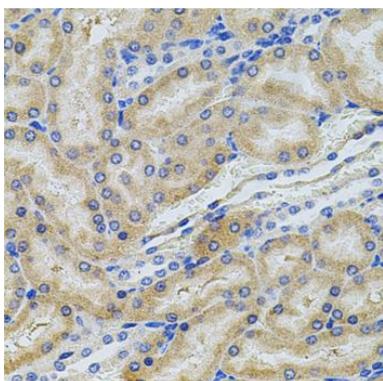
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

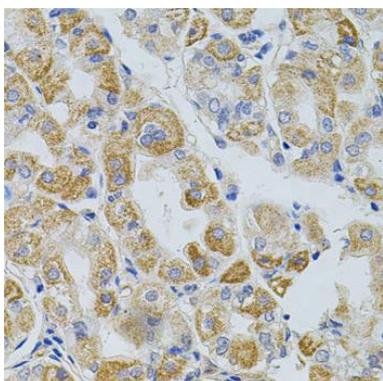
Product Images



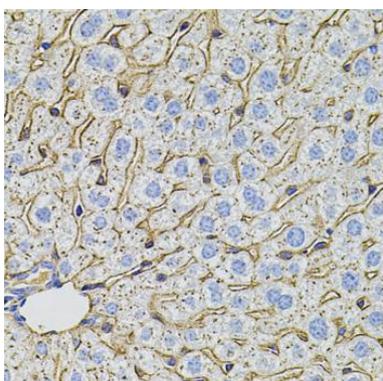
Western blot analysis of extracts of various cell lines, using PCSK9 antibody (CAB7860) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat kidney using PCSK9 antibody (CAB7860) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using PCSK9 antibody (CAB7860) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using PCSK9 antibody (CAB7860) at dilution of 1:100 (40x lens).