

PCSK9

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 74kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human PCSK9

Storage Buffer:

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

Concentration:

bj

Synonym:

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

Catalog #: A7860

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 255738

Isotype: IgG

Swiss Prot: Q8NBP7

Purity: Affinity purification

For research use only.

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.

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