

## 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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