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PCSK9 (N1) Antibody, Rabbit Polyclonal

Cat#: R0704-1

Quantity: 100 ul

Predicted | Observed M.W.: 74 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q8NBP7

Background:

Proprotein convertase subtilisin/kexin type 9 (PCSK9) is a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. PCSK9 is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. PCSK9 plays a role in cholesterol homeostasis and may have a role in the differentiation of cortical neurons. Mutations in the PCSK9 gene have been associated with a third form of autosomal dominant familial hypercholesterolemia (HCHOLA3).

Other Names:

FH3, HCHOLA3, NARC-1, Proprotein convertase subtilisin/kexin type 9, Neural apoptosis-regulated convertase 1, Proprotein convertase 9, PC9, Subtilisin/kexin-like protease PC9, PSEC0052

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PCSK9. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

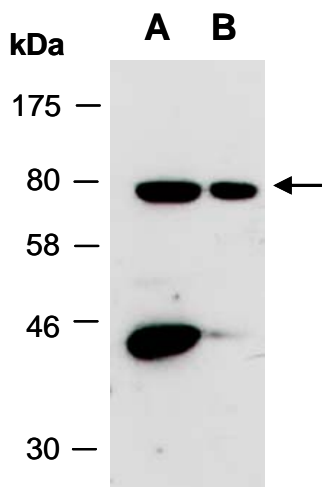


Fig 1. Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-PCSK9 (N1) (R0704-1) at RT for 2 h.