

# Anti-PCSK9 Polyclonal Antibody

CATALOG NO.: **A2380-50 (50 µl)**  
**A2380-100 (100 µl)**

**BACKGROUND DESCRIPTION:** PCSK9 is a member of the subtilisin-like proprotein convertase family. PCSK9 is constitutively secreted into the extracellular matrix and trans-Golgi network. PCSK9 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 and is a key regulator of plasma cholesterol homeostasis.

**ALTERNATE NAMES:** FH3; HCHOLA3; LDLQC1; NARC-1; NARC1; PC9; Proprotein convertase subtilisin/kexin type 9

**ANTIBODY TYPE:** Polyclonal

**HOST/ISOTYPE:** Rabbit / IgG

**IMMUNOGEN:** Synthetic peptide based on sequence from amino acid 600 to the C-terminus of human PCSK9

**MOLECULAR WEIGHT:** Two bands observed at ~65 kDa and ~80 kDa

**FORM:** Liquid

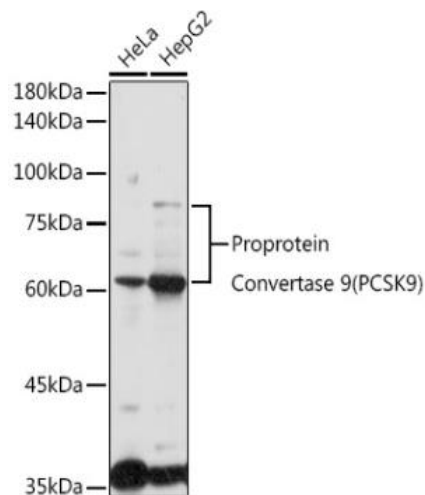
**FORMULATION:** PBS with 0.02% sodium azide, 50% glycerol, pH 7.3

**SPECIES REACTIVITY:** Human

**STORAGE CONDITIONS:** Aliquot and store at -20 °C. Avoid repeated freeze-thaw cycles

**APPLICATIONS:** Western blot: 1:500 to 1:2000 dilution

This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of HeLa and HepG2 whole cell lysates using Anti-PCSK9 Polyclonal Antibody. Multiple bands may be detected due to the alternative splicing of the gene product.

## RELATED PRODUCTS:

Anti-PCSK9 (Evolocumab), Human IgG2 Antibody (Cat. No. A2168)  
 Anti-FABP3 Antibody (Cat. No. A1394)  
 Anti-Phospho-GSK-3 beta (Ser 9) Polyclonal Antibody (Cat. No. A2375)  
 Anti-CD36 Polyclonal Antibody (Cat. No. A2352)  
 Anti-PCSK9 (Alirocumab), Human IgG1 Antibody (Cat. No. A2153)

**FOR RESEARCH USE ONLY! Not to be used on humans.**