

Rabbit anti-Human PCSK9 Polyclonal Antibody | anti-PCSK9 antibody

Anti-PCSK9 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45461	Rabbit	Human	Immunohistochemistry, Western Blot

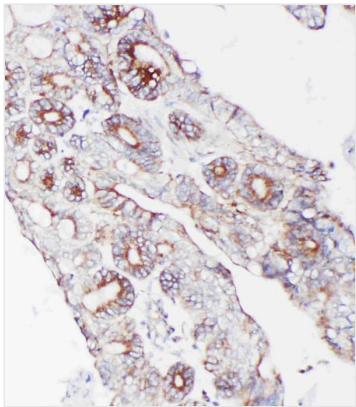
PRODUCT SYNONYMS

PCSK9; Polyclonal Antibody; Anti-PCSK9 antibody; Proprotein convertase subtilisin/kexin type 9; proprotein convertase subtilisin/kexin type 9; Convertase subtilisin/kexin type 9 preproprotein antibody; FH3 antibody; HCHOLA3 antibody; Hypercholesterolemia autosomal dominant 3 antibody; LDLQC1 antibody; NARC 1 antibody; NARC-1 antibody; NARC1 antibody; Neural apoptosis regulated convertase 1 antibody; Neural apoptosis-regulated convertase 1 antibody; PC 9 antibody; PC9 antibody; PCSK 9 antibody; PCSK9 antibody; PCSK9_HUMAN antibody; Proprotein convertase 9 antibody; Proprotein convertase PC9 antibody; Proprotein convertase subtilisin/kexin type 9 antibody; PSEC0052 antibody; Subtilisin/kexin like protease PC9 antibody; Subtilisin/kexin-like protease PC9 antibody; anti-PCSK9 antibody

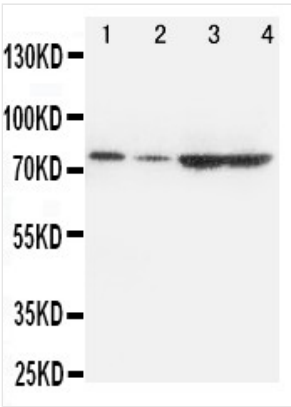
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	692
Applicable Applications for anti-PCSK9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PCSK9 (671-687aa AVTAVAICCRSRHLAQA).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PCSK9 antibody, AAA45461, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti-PCSK9 antibody, AAA45461, Western blottingAll lanes: Anti PCSK9 (AAA45461) at 0.5ug/mlLane 1: A549 Whole Cell Lysate at 40ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: U87 Whole Cell Lysate at 40ugLane 4: PANC Whole Cell Lysate at 40ugPredicted bind size: 74KDObserved bind size: 74KD

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK9 antibody

Description: Rabbit IgG polyclonal antibody for Proprotein convertase subtilisin/kexin type 9(PCSK9) detection. Tested with WB, IHC-P in Human.

Background: Proprotein convertase subtilisin/kexin type 9, also known as PCSK9, is an enzyme that in humans is encoded by the PCSK9 gene. This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. By genomic sequence analysis, PCSK9 was mapped to chromosome 1p32. This gene is a crucial player in the regulation of plasma cholesterol homeostasis. It may prevent the recycling of LDLR from endosomes to the cell surface or direct it to lysosomes for degradation. PCSK9 can induce ubiquitination of LDLR leading to its subsequent degradation. This gene is involved in the disposal of non-acetylated intermediates of BACE1 in the early secretory pathway.

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373487
NCBI GeneID	255738
UniProt Accession #	Q8NBP7; Q5PSM5; Q5SZQ2; A8T640; C0JYY9
Molecular Weight	20,827 Da
NCBI Official Full Name	Proprotein convertase subtilisin/kexin type 9
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 9
NCBI Official Symbol	PCSK9
NCBI Official Synonym Symbols	FH3; PC9; NARC1; LDLCQ1; NARC-1; HCHOLA3
NCBI Protein Information	proprotein convertase subtilisin/kexin type 9; subtilisin/kexin-like protease PC9; neural apoptosis regulated convertase 1; convertase subtilisin/kexin type 9 preproprotein
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 9
UniProt Gene Name	PCSK9
UniProt Synonym Gene Names	NARC1; NARC-1; PC9
UniProt Entry Name	PCSK9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

