

Rabbit PCSK9 Antibody | anti-PCSK9 antibody

Rabbit anti PCSK9 antibody

CATALOG # AAA71426	HOST Rabbit	REACTIVITY Human, Rat, Mouse, Gorilla	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

PCSK9; Rabbit anti PCSK9 antibody; Rabbit anti-PCSK9; Proprotein convertase subtilisin/kexin type 9 (PCSK9) Proprotein concertase PC9; Subtilisin/Kexin-like protease PC9; FH3; NARC1; anti-PCSK9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse, Gorilla
Specificity	This antibody recognizes ~74 kDa of human PCSK9 protein. It also reacts with mouse and rat. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope-Specific Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer
Concentration	Size: 100 ug/200 ul (varies by lot)
Applicable Applications for anti-PCSK9 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide derived from 100aa-300aa of Human PCSK9 protein. This sequence is identical among human, rat, mouse, gorilla, etc.
Positive Control	HT-29, or mouse liver
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C-8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

Western Blot: The whole cell lysate derived from HT-29 (lane 1), Mouse Liver (lane 2), mouse lung (lane 3) were immunoblotted by Rabbit anti-PCSK9 (Cat#AAA71426)

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK9 antibody	Proprotein convertase subtilisin/kexin type 9 (PCSK9) is a member of the serine protease family with a critical role in cholesterol metabolism by controlling the levels of low density lipoprotein (LDL) particles that circulate in the bloodstream. Mutation in the PCSK9 gene is associated with autosomal dominant hypercholesterolemia which is characterized by an increase in LDL cholesterol levels. PCSK9 is expressed in various tissues such as liver, kidney, lung, spleen, etc. Human PCSK9 precursor is 692 aa protein with 74kDa molecular weight. Its mature form has molecular weight ranging of 62-66 kDa in the tissues.
References	Lopez D (2008) PCSK9: an enigmatic protease. Biochim Biophys Acta. 1781 (4): 184-91.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31317307
NCBI GeneID	255738
NCBI Accession #	NP_777596.2
NCBI GenBank Nucleotide #	NM_174936.3
UniProt Accession #	Q8NBP7; Q5PSM5; Q5SZQ2; A8T640; C0JYY9
Molecular Weight	74 kDa or 64 kDa
NCBI Official Full Name	proprotein convertase subtilisin/kexin type 9 preproprotein
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; OTTHUMP00000009833; 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
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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-gorilla-human-mouse-rat-antibody/pcsk9/71426>