

Rabbit anti-Human Proprotein convertase subtilisin/kexin type 9 (PCSK9), NARC1 BLOCKING EPITOPE Polyclonal Antibody | anti-PCSK9 antibody

Proprotein convertase subtilisin/kexin type 9 (PCSK9), NARC1 BLOCKING EPITOPE

CATALOG # AAA60508	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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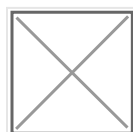
PRODUCT SYNONYMS

Proprotein convertase subtilisin/kexin type 9 (PCSK9); NARC1 BLOCKING EPITOPE; Polyclonal Antibody; Proprotein convertase PC9; Subtilisin/kexin-like protease PC9; Neural apoptosis-regulated convertase 1; anti-PCSK9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Ammonium Sulfate Precipitation
Form/Format	Unconjugated
Concentration	1mg/ml (varies by lot)
Sequence Length	692
Applicable Applications for anti-PCSK9 antibody	ELISA, WB (Western Blot)
Immunogen	Synthetic peptide derived from the human PCSK9 protein reported to block PCSK9-LDLR interaction.
Positive Control	Expressed in neuro-epithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells.
Preparation and Storage	Product should be stored at -20 degree C. Aliquot to avoid freeze/thaw cycles

IMAGES



IHC (Immunohistochemistry)

Staining of Hep G2 cells with PCSK9 antibody at 2 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK9 antibody

This antibody is made to an epitope that is reported to block the PCSK9-LDLR (low density lipoprotein receptor) interaction. PCSK9 binds to the EGF-A domain of the LDLR and signals LDLR degradation. Reduced LDLR levels result in decreased LDL (low density lipid) metabolism leading to hypercholesterolemia. Additionally, PCSK9 may be implicated in the differentiation of cortical neurons and may also play a role in cholesterol homeostasis. Defects in PCSK9 gene are the cause of familial hypercholesterolemia 3 (FH3). The protein is thought to play a central role in cholesterol homeostasis.

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
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; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/proprotein-convertase-subtilisin-kexin-type-9-pcsk9-narc1-blocking-epitope-antibody-western-blot-elisa/60508>