

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

PCSK9 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283197	Rabbit	Human	ELISA, Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot

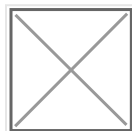
PRODUCT SYNONYMS

PCSK9; Polyclonal Antibody; PCSK9 Rabbit pAb; FH3; HCHOLA3; LDLCQ1; NARC-1; NARC1; PC9; proprotein convertase subtilisin/kexin type 9; anti-PCSK9 antibody

PRODUCT SPECIFICATIONS

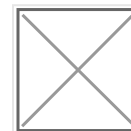
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	QEDEDGDYEE LVLALRSEED GLAEAPEHGT TATFHRC AKD PWRLPGTYV V VLKEETHLSQ SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF AQSIPWNLER ITPPRYRADE YQPPDGGSLV EVYLLDSIQ SDHREIEGRV MVTDFENVPE EDGTRFHRQA SKCDSHGTHL AGVVSGRDAG VAKGASMRSL RVLNCQGKGT VSGTLIGLEF IRKSQVLQPV GPLVLLPLA GGYSRVLNAA CQRLARAGVV LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQPVTLGT LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA HVAGIAAMML SAEPELT LAE LRQRLIHFS A KDVINEAWFP EDQRVLT PNL VAALPPSTHG AGWQLFCRTV WSAHSGPTRM ATAVARCAPD EELLSCSSFS RSGKRRGERM EAQGGKLVCR AHNAFGGEGV YAIARCCLLP QANCSVHTAP PAEASMGTRV HCHQQGHVLT GCSSHWEVED LGTHKPPVLR PRGQPNQCVG HREASIHASC CHAPGLECKV KEHGIPAPQE QTVACEEGW TLTGCSALPG TSHVLGAYAV DNTCVVRSRD VSTTGSTSEG AVTAVAICCR SRHLAQASQE LQ
Applicable Applications for anti-PCSK9 antibody	ELISA, IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 31-692 of human PCSK9 (NP_777596.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug PCSK9 Rabbit pAb antibody (AAA283197 1:100). Western blot was performed from the immunoprecipitate using PCSK9 Rabbit pAb antibody (AAA283197) at a dilution of 1:1000.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using PCSK9 Rabbit pAb (AAA283197) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells using PCSK9 Rabbit pAb (AAA283197) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK9 antibody	This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It 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. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-PCSK9 antibody	Epigenetics & Nuclear Signaling; RNA Binding; Cancer; Signal Transduction; Cell Biology & Developmental Biology; Apoptosis; Ubiquitin; Endocrine & Metabolism; Amino acid metabolism; Lipid Metabolism; Cholesterol Metabolism; Stem Cells; Neural Stem Cells;

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	Calculated MW: 20kDa/74kDa Observed MW: 65kDa/80kDa/65kDa, 80kDa
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/pcsk9-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/283197>