

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

Anti-PCSK9 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257117	Rabbit	Mouse	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA

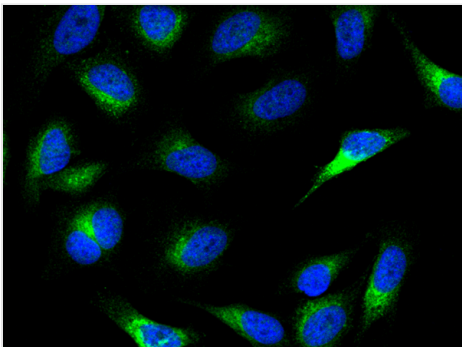
PRODUCT SYNONYMS

PCSK9; Polyclonal Antibody; Anti-PCSK9 Antibody; Rabbit Polyclonal; PCSK9/NARC1 Antibody; Rabbit PAb; Antigen Affinity Purified; proprotein convertase subtilisin/kexin type 9; Anti-AI415265 Antibody; Anti-AI747682 Antibody; Anti-FH3 Antibody; Anti-HCHOLA3 Antibody; Anti-Narc1 Antibody; Anti-PC9 Antibody; anti-PCSK9 antibody

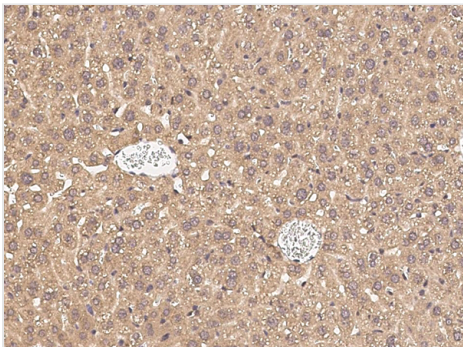
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse PCSK9/NARC1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PCSK9 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse PCSK9/NARC1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse PCSK9/NARC1 (rM PCSK9/NARC1). PCSK9/NARC1 specific IgG was purified by Mouse PCSK9/NARC1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

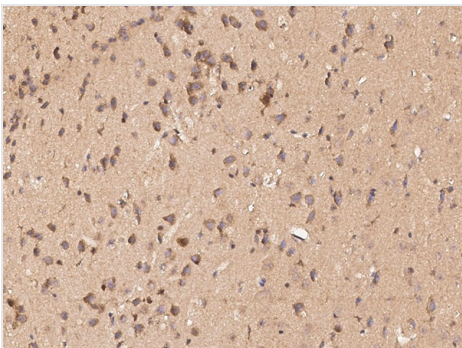
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of PCSK9 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human PCSK9 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



IHC (Immunohistochemistry)
Immunochemical staining of mouse PCSK9 in mouse liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of mouse PCSK9 in mouse brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK9 antibody	Proprotein convertase subtilisin/kexin type 9 (PCSK9), also known as NARC1 (neural apoptosis regulated convertase), which is a newly identified human secretory subtilase belonging to the proteinase K subfamily of the secretory subtilase family. PCSK9 protein is an enzyme which in humans is encoded by the PCSK9 gene with orthologs found across many species. It is expressed in neuroepithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells. PCSK9 protein is highly expressed in the liver and regulates low density lipoprotein receptor (LDLR) protein levels. Inhibition of PCSK9 protein function is currently being explored as a means of lowering cholesterol levels. Thereby, PCSK9 protein is regarded as a new strategy to treat hypercholesterolemia. PCSK9 protein contributes to cholesterol homeostasis and may have a role in the differentiation of cortical neurons.
Product Categories/Family for anti-PCSK9 antibody	Serine Proteases and Regulators
References	Sseidah, N.G. et al., 2003, Proc. Natl. Acad. Sci. USA. 100: 928-933. Beyer, T.P. et al., 2007, J. Lipid. Res. 48: 1488-1498 Shan, L. et al., 2008, Biochem. Biophys. Res. Commun. 375: 69-73. Benjannet, S. et al., 2005, J. Biol. Chem. 279: 48865-48875. Abifadel, M. et al., 2003, Nat. Genet. 34: 154-156.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23956352
NCBI GeneID	100102
NCBI Accession #	NP_705793.1
NCBI GenBank Nucleotide #	NM_153565.2

UniProt Accession #	Q80W65 ; Q3UEH7 ; Q8BXW9 ; Q8CFT6 ; B1AZI4
Molecular Weight	74,823 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; HCHOLA3; AI415265; AI747682
NCBI Protein Information	proprotein convertase subtilisin/kexin type 9
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_MOUSE

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://www.aaabiotech.com/polyclonal/pcsk9-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/257117>