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Datasheet for ABIN3042887 anti-PCSK9 antibody (C-Term)

3 Images



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Overview

Quantity:	100 µg	
Target:	PCSK9	
Binding Specificity:	AA 671-687, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PCSK9 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Purpose:	Rabbit IgG polyclonal antibody for Proprotein convertase subtilisin/kexin type 9(PCSK9) detection. Tested with WB, IHC-P in Human.	
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human PCSK9(671-687aa AVTAVAICCRSRHLAQA).	
Sequence:	AVTAVAICCR SRHLAQA	
lsotype:	IgG	
Cross-Reactivity (Details):	No cross reactivity with other proteins.	
Characteristics:	Rabbit IgG polyclonal antibody for Proprotein convertase subtilisin/kexin type 9(PCSK9) detection. Tested with WB, IHC-P in Human. Gene Name: proprotein convertase subtilisin/kexin type 9 Protein Name: Proprotein convertase subtilisin/kexin type 9	

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Product Details

Purification:

Immunogen affinity purified.

Target Details

Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)
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. Synonyms: Convertase subtilisin/kexin type 9 preproprotein antibody FH3 antibody HCHOLA3 antibody Hypercholesterolemia autosomal dominant 3 antibody LDLCQ1 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 Poprotein convertase PC9 antibody Proprotein convertase subtilisin/kexin type 9 antibody PSEC0052 antibody Subtilisin/kexin like protease PC9 antibody Subtilisin/kexin-like protease PC9 antibody
Application Details	
Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

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Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized	
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 μ g/mL.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.	
Preservative:	Thimerosal (Merthiolate), Sodium azide	
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	
Expiry Date:	12 months	

Images

130KD - ^{1 2 3 4}	Western Blotting Image 1.
100KD	
55KD —	
35KD-	
25KD -	

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Immunohistochemistry

Image 2. Anti-PCSK9 antibody, IHC(P) IHC(P): Human Intestinal Cancer Tissue

Immunohistochemistry

Image 3. Anti-PCSK9 antibody, IHC(P): Human Intestinal Cancer Tissue

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