

Datasheet for ABIN7269570

anti-PCSK9 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	PCSK9
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PCSK9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Proprotein Convertase 9(PCSK9) Rabbit mAb
Immunogen:	A synthesized peptide derived from human Proprotein Convertase 9(PCSK9)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)
Background:	This gene encodes a member of the subtilisin-like proprotein convertase family, which includes

Target Details

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. [provided by RefSeq, Feb 2014],FH3, HCHOLA3, LDLCQ1, NARC-1, NARC1, PC9,Amino acid metabolism,Apoptosis,Cancer,Cardiovascular,Endocrine & Metabolism,Epigenetics & Nuclear Signaling,Lipid Metabolism,Lipid Metabolism_Cholesterol Metabolism,Lipids,Neural Stem Cells,RNA Binding,Stem Cells,Ubiquitin,PCSK9

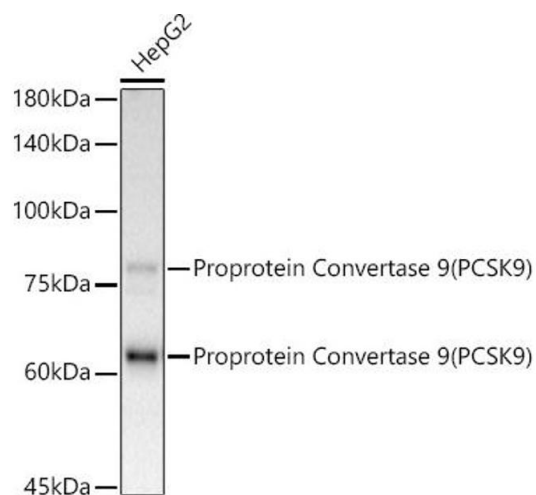
Molecular Weight:	62,78kDa
Gene ID:	255738
UniProt:	Q8NBP7

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

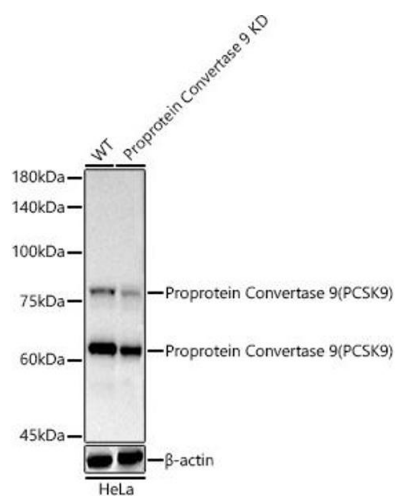
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of HepG2 cells, using Proprotein Convertase 9(PCSK9) antibody (ABIN7269570) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Western Blotting

Image 2. Western blot analysis of extracts of HeLa cells, using Proprotein Convertase 9(PCSK9) antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.