

Datasheet for ABIN570954
anti-PCSK9 antibody (AA 214-228)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PCSK9
Binding Specificity:	AA 214-228
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PCSK9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	PCSK9 (aa214-228)
Immunogen:	Peptide with sequence TRFHRQASKDSHGT, from the internal region of the protein sequence according to NP_777596.2.
Sequence:	TRFHRQASKC DSHGT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

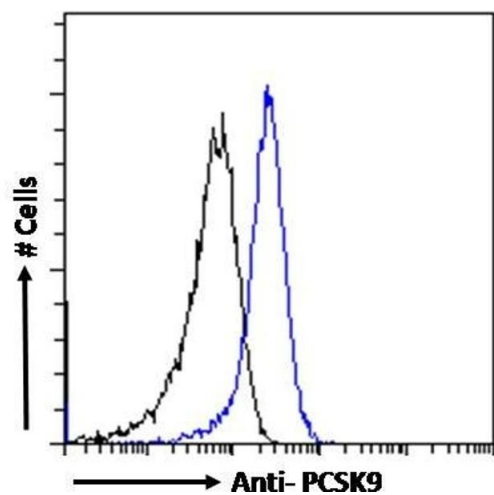
Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)
Background:	PCSK9, proprotein convertase subtilisin/kexin type 9, FH3, HCHOLA3, LDLCQ1, NARC-1, NARC1, OTTHUMP00000009833, convertase subtilisin/kexin type 9 preproprotein, hypercholesterolemia, autosomal dominant 3, neural apoptosis regulated convertase 1
Gene ID:	255738
NCBI Accession:	NP_777596

Application Details

Application Notes:	Western Blot: Approx 70-75 kDa band observed in HepG2 cell lysates and approx 75 kDa in HeLa cell lysates (calculated MW of 74.3 kDa according to NP_777596.2).. Recommended concentration: 1-2g/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

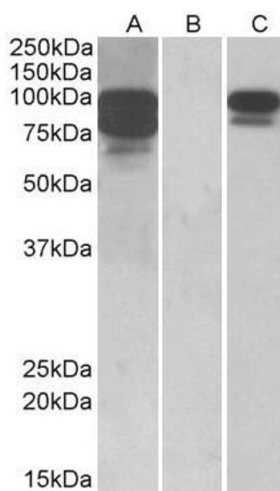
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



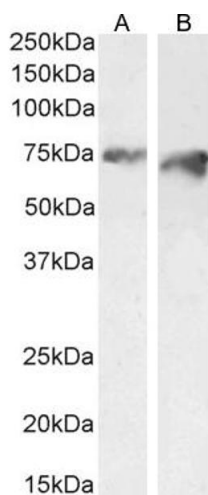
Flow Cytometry

Image 1. ABIN570954 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol



Western Blotting

Image 2. HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human PCSK9 with C-terminal MYC tag probed with ABIN570954 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN570954 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN570954 (2 µg/mL) staining of HeLa (A) and (1 µg/mL) of HepG2 (B) cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.