

Datasheet for ABIN570919

anti-PCSK9 antibody (AA 164-175)



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1 Image

Overview

Quantity:	100 µg
Target:	PCSK9
Binding Specificity:	AA 164-175
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PCSK9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PCSK9 (aa164-175)
Immunogen:	Peptide with sequence C-PRYRADEYQPPD, from the internal region of the protein sequence according to NP_777596.2.
Sequence:	PRYRADEYQP PD
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

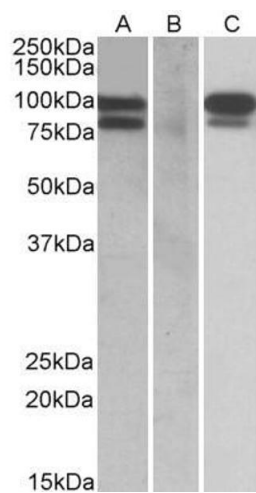
Target:	PCSK9
Alternative Name:	PCSK9
Background:	PCSK9, proprotein convertase subtilisin/kexin type 9 , FH3, HCHOLA3, NARC-1, NARC1 , hypercholesterolemia, autosomal dominant 3, neural apoptosis regulated convertase 1
Gene ID:	255738
NCBI Accession:	NP_777596

Application Details

Application Notes:	Western Blot: In transfected HEK293 transiently expressing full-length Human PCSK9 (myc and DYKDDDDK tagged), a doublet of approx. 80-100 kDa was observed. No bands were observed in mock-transfected HEK293 and the same bands were observed using anti-myc t Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email sales@everestbiotech.com to request datasheet, pricing and delivery information.
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.



Western Blotting

Image 1. HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human PCSK9 with C-terminal MYC tag probed with ABIN570919 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN570919 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.