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Datasheet for ABIN570691
anti-PCSK5 antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	PCSK5
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PCSK5 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	PCSK5
Immunogen:	Peptide with sequence PDGSYQDTKKNLCRK, from the internal region of the protein sequence according to NP_006191.2.
Sequence:	PDGSYQDTKK NLCRK
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	PCSK5
Alternative Name:	PCSK5 (PCSK5 Products)
Background:	PCSK5, proprotein convertase subtilisin/kexin type 5, PC5, PC6, PC6A, SPC6, OTTHUMP00000063532, prohormone convertase 5, proprotein convertase PC5, protease PC6, subtilisin/kexin-like protease PC5
Gene ID:	5125
NCBI Accession:	NP_006191
Pathways:	Neurotrophin Signaling Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Western Blot: Preliminary experiments in lysates of cell lines K562 and MOLT4 gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - have any results been reported Peptide ELISA: antibody detection limit dilution 1:8000.
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.