

Datasheet for ABIN1881639
anti-PCSK5 antibody (N-Term)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	PCSK5
Binding Specificity:	AA 95-124, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PCSK5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-124 amino acids from the N-terminal region of human PCSK5.
Clone:	RB41935
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCSK5
Alternative Name:	PCSK5 (PCSK5 Products)
Background:	The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family.

Target Details

The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein mediates posttranslational endoproteolytic processing for several integrin alpha subunits. It is thought to process prorenin, pro-membrane type-1 matrix metalloproteinase and HIV-1 glycoprotein gp160. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 206942

NCBI Accession: [NP_001177411](#), [NP_006191](#)

UniProt: [Q92824](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

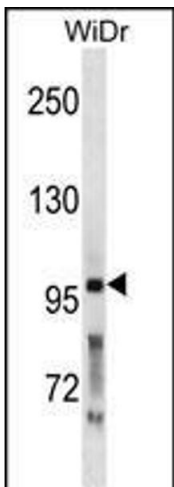
Storage: 4 °C,-20 °C

Expiry Date: 6 months

Publications

Product cited in: Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5942, pp. 834-40, (2009) ([PubMed](#)).

Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: **Gene**, Vol. 142, Issue 2, pp. 301-5, (1994) ([PubMed](#)).



Western Blotting

Image 1. PCSK5 Antibody (N-term) (ABIN1881639 and ABIN2838907) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the PCSK5 antibody detected the PCSK5 protein (arrow).