

## PCSK5 Antibody

Catalog No: #47322

Package Size: #47322 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

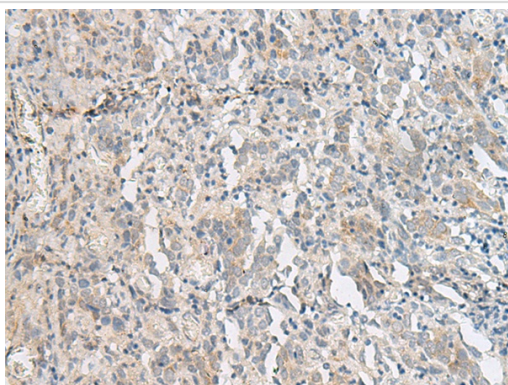
## Description

Product Name	PCSK5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous levels of total PCSK5 protein.
Immunogen Type	Peptide
Immunogen Description	Fusion protein of human PCSK5
Conjugates	Unconjugated
Target Name	PCSK5
Other Names	PC5; PC6; PC6A; SPC6
Accession No.	Swiss-Prot#:Q92824NCBI Gene ID:5125Gene Accssion:BC012064
Concentration	0.8
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

IHC dilution:1: 25-100

## Images



The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 47322(PCSK5 Antibody) at dilution 1/50.(Original magnification: 200)

## Background

This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER. It then sorts to the trans-Golgi network where a second autocatalytic event takes place

and the catalytic activity is acquired. This encoded protein is widely expressed and one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. It mediates posttranslational endoproteolytic processing for several integrin alpha subunits and is thought to process prorenin, pro-membrane type-1 matrix metalloproteinase and HIV-1 glycoprotein gp160. Alternative splicing results in multiple transcript variants, some of which encode distinct isoforms, including a protease packaged into dense core granules (PC5A) and a type 1 membrane bound protease (PC5B).?

## Published Papers

el at., Genetic Alterations in Papillary Thyroid Carcinoma With Hashimoto's Thyroiditis ANK3, an Indolent Maintainer of Papillary Thyroid Carcinoma. In Front Oncol

on 2022 May 12 by Chao Zeng, Jiali Long,et al..PMID:35646694, , (2022)

[PMID:35646694](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.