PCSK5 Antibody

Catalog No: #47322

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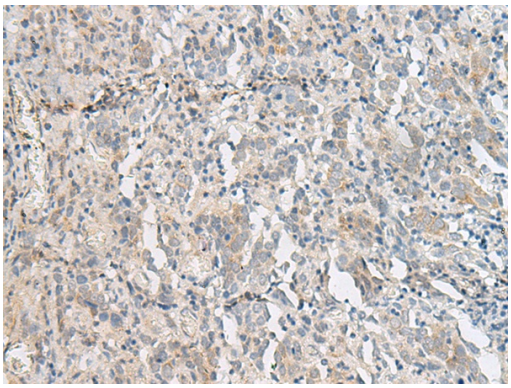
Description

Product Name	PCSK5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu, Ms, Rt
Specificity	The antibody detects endogenous levels of total PCSK5 protein.
Immunogen Type	Peptide
Immunogen Description	Fusion protein of human PCSK5
Target Name	PCSK5
Other Names	PC5; PC6; PC6A; SPC6
Accession No.	Swiss-Prot#:Q92824NCBI Gene ID:5125Gene Accssion:BC012064
Uniprot	Q92824
GeneID	5125;
Concentration	0.8
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 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).?

Note: This product is for in vitro research use only