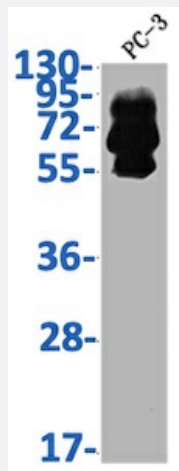


RecomAb™

PCSK9 recombinant monoclonal antibody, clone 7F2

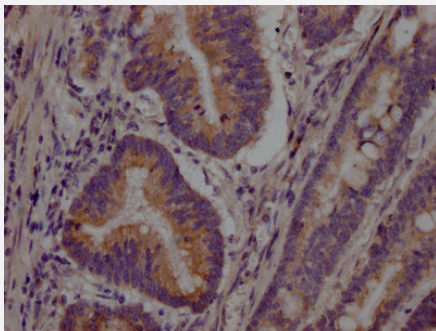
Catalog # RAB04088 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: PC-3 whole cell lysate.



Immunohistochemistry

Immunohistochemistry image of PCSK9 recombinant monoclonal antibody, clone 7F2 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PCSK9.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human PCSK9.
Reactivity	Human

Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: PC-3 whole cell lysate.

- Immunohistochemistry

Immunohistochemistry image of PCSK9 recombinant monoclonal antibody, clone 7F2 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PCSK9

Entrez GeneID	255738
Protein Accession#	Q8NBP7
Gene Name	PCSK9
Gene Alias	FH3, HCHOLA3, LDLCQ1, NARC-1, NARC1
Gene Description	proprotein convertase subtilisin/kexin type 9
Omim ID	603776 607786
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. The encoded protein is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. The protein may function as a proprotein convertase. This protein plays a role in cholesterol homeostasis and may have a role in the differentiation of cortical neurons. Mutations in this gene have been associated with a third form of autosomal dominant familial hypercholesterolemia (HCHOLA3). [provided by RefSeq]

Other Designations

OTTHUMP00000009833|convertase subtilisin/kexin type 9 preproprotein|neural apoptosis regulated convertase 1

Disease

- [Alzheimer Disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chromosome Aberrations](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypobetalipoproteinemias](#)
- [Hypolipoproteinemias](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)

- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Werner syndrome](#)