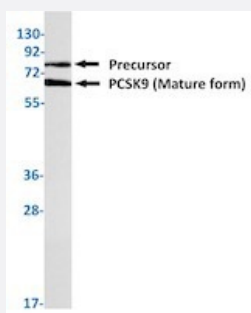


RecomAb™

PCSK9 recombinant monoclonal antibody, clone R09-4F7

Catalog # RAB02017 Size 100 uL

Applications



Western Blot

Western blot analysis of HeLa lysates with PCSK9 recombinant monoclonal antibody, clone R09-4F7 (Cat # RAB02017).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PCSK9.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PCSK9.
Theoretical MW (kDa)	Calculated MW: 74 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °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 Hela lysates with PCSK9 recombinant monoclonal antibody, clone R09-4F7 (Cat # RAB02017).

- Immunoprecipitation

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](#)