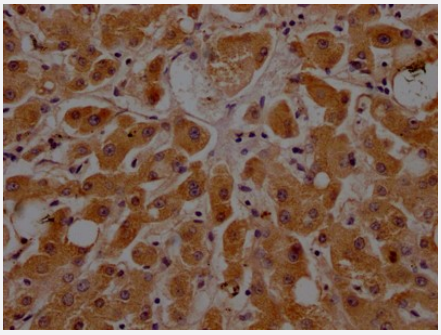
RecomAb™ Sm Size

APOC3 recombinant monoclonal antibody, clone 8H12

Catalog # RAB08253 Size 50 uL

Applications



Immunohistochemistry

Immunohistochemistry image of APOC3 recombinant monoclonal antibody, clone 8H12 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human APOC3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human APOC3.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) 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)

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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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of APOC3 recombinant monoclonal antibody, clone 8H12 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — APOC3

Entrez GeneID	345
Protein Accession#	P02656
Gene Name	APOC3
Gene Alias	APOCIII, MGC150353
Gene Description	apolipoprotein C-III
Omim ID	107720
Gene Ontology	Hyperlink
Gene Summary	Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lip ase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV g enes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcri bed. An increase in apoC-III levels induces the development of hypertriglyceridemia. [provided by RefSeq
Other Designations	-

Pathway

- PPAR signaling pathway

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Disease

- Alzheimer disease
- Amyotrophic lateral sclerosis
- Arterial Occlusive Diseases
- Arteriosclerosis
- Atherosclerosis
- Birth Weight
- Body Weight
- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Chorioamnionitis
- Cognition
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Coronary Stenosis
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Nephropathies
- Diabetic Neuropathies
- Diabetic Retinopathy
- Diseases in Twins

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- Ductus Arteriosus
- Dyslipidemias
- Edema
- Fatty Liver
- Fetal Membranes
- Gallstones
- Gender Identity
- Genetic Predisposition to Disease
- Glucose Intolerance
- Heart Diseases
- Hepatitis
- Hepatitis C
- HIV Infections
- HIV-Associated Lipodystrophy Syndrome
- Hypercholesterolemia
- Hyperglycemia
- Hyperlipidemia
- Hyperlipidemias
- Hyperlipoproteinemia Type II
- Hyperlipoproteinemia Type III
- Hyperlipoproteinemia Type IV
- Hyperlipoproteinemias
- Hypertension
- Hypertriglyceridemia
- Hyperuricemia
- Hypolipoproteinemias

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- Infant
- Inflammation
- Insulin Resistance
- Kidney Failure
- Metabolic Syndrome X
- Microvascular Angina
- Myocardial Infarction
- Myocardial Ischemia
- Neoplasms
- Obesity
- Obstetric Labor
- Osteoporosis
- Peripheral Vascular Diseases
- Postoperative Complications
- Pre-Eclampsia
- Premature Birth
- Recurrence
- Renal Insufficiency
- Schizophrenia
- Stroke
- Thrombosis
- Vascular Diseases
- Weight Loss
- Werner syndrome

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