APOC3 polyclonal antibody

Catalog # PAB14300 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against recombinant APOC3.
Immunogen	Recombinant protein corresponding to APOC3.
Host	Goat
Reactivity	Human
Specificity	This antibody specifically binds to human APOC3.
Form	Liquid
Recommend Usage	Western Blot (1:2500-1:20000) ELISA (1:2500-1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°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

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — APOC3

Entrez GeneID	345

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	-

Publication Reference

- D25V apolipoprotein C-III variant causes dominant hereditary systemic amyloidosis and confers cardiovascular protective lipoprotein profile.

  Valleix S, Verona G, Jourde-Chiche N, Nédelec B, Mangione PP, Bridoux F, Mangé A, Dogan A, Goujon JM, Lhomme M, Dauteuille C, Chabert M, Porcari R, Waudby CA, Relini A, Talmud PJ, Kovrov O, Olivecrona G, Stoppini M, Christodoulou J, Hawkins PN, Grateau G, Delpech M, Kontush A, Gillmore JD, Kalopissis AD, Bellotti V.

  Nature Communications 2016 Jan; 7:10353.

  Application: IHC-P, IF, WB-Ti, Human, Salivary glands, Digestive tract, Kidney, Plasma

Pathway

- PPAR signaling pathway

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
- 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
- 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