

APOB polyclonal antibody

Catalog # PAB13887

Size 1 mg

Specification

Product Description Goat polyclonal antibody raised against APOB.

Immunogen Human APOB.

Host Goat

Reactivity Human

Specificity Binds to human Apo B-48/100.

Form Liquid

Recommend Usage ELISA (1:10000-1:80000)
Western Blot (1:200-1:10000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 75 mM sodium phosphate buffer, 75 mM NaCl, 500 mM EDTA, pH 7.2 (0.02% 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 should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- Enzyme Immunoassay

Gene Info — APOB

Entrez GeneID [338](#)

Gene Name APOB

Gene Alias FLDB

Gene Description apolipoprotein B (including Ag(x) antigen)

Omim ID [107730 144010](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene product is the main apolipoprotein of chylomicrons and low density lipoproteins. It occurs in plasma as two main isoforms, apoB-48 and apoB-100: the former is synthesized exclusively in the gut and the latter in the liver. The intestinal and the hepatic forms of apoB are encoded by a single gene from a single, very long mRNA. The two isoforms share a common N-terminal sequence. The shorter apoB-48 protein is produced after RNA editing of the apoB-100 transcript at residue 2180 (CAA->UAA), resulting in the creation of a stop codon, and early translation termination. Mutations in this gene or its regulatory region cause hypobetalipoproteinemia, normotriglyceridemic hypobetalipoproteinemia, and hypercholesterolemia due to ligand-defective apoB, diseases affecting plasma cholesterol and apoB levels. [provided by RefSeq]

Other Designations OTTHUMP00000115994|apoB-100|apoB-48|apolipoprotein B|apolipoprotein B48

Disease

- [Abortion](#)
- [Acute Disease](#)
- [Altitude Sickness](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Angina Pectoris](#)
- [Aortic Valve Stenosis](#)
- [Arteriosclerosis](#)
- [Asthenozoospermia](#)

- [Atherosclerosis](#)
- [Azoospermia](#)
- [beta-Thalassemia](#)
- [Biliary Tract Neoplasms](#)
- [Blood Coagulation Disorders](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cholecystolithiasis](#)
- [Cholelithiasis](#)
- [Chorioamnionitis](#)
- [Chromosome Disorders](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Dementia](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Essential tremor](#)
- [Femur Head Necrosis](#)
- [Fetal Death](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Gallbladder Diseases](#)
- [Gallbladder Neoplasms](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Holoprosencephaly](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hypertrophy](#)

- [Hypobetalipoproteinemias](#)
- [Hypoxia-Ischemia](#)
- [Infant](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Ischemia](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Nephrotic Syndrome](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Oligospermia](#)
- [Osteoporosis](#)
- [Peripheral Vascular Diseases](#)
- [Phenylketonuria](#)
- [Phenylketonurias](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)

- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Rare Diseases](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Schizophrenia](#)
- [Spina Bifida Cystica](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Translocation](#)
- [Urinary Bladder Neoplasms](#)
- [Vascular Diseases](#)
- [Virilism](#)
- [Werner syndrome](#)