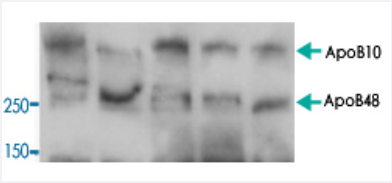
APOB polyclonal antibody

Catalog # PAB11488 Size 100 ug

Applications



Western Blot (Tissue lysate)

APOB polyclonal antibody (Cat # PAB11488) (0.5 ug/mL) staining of human serum lysates. Data kindly provided by Yan Xie and NO Davidson, Washington USA. This antibody showed background below 150kDa in serum samples . We call for caution when used for other assays than Western blot.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of APOB.
Immunogen	A synthetic peptide corresponding to human APOB.
Sequence	C-TDLHLRYQKDKK
Host	Goat
Theoretical MW (kDa)	516
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
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 shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — APOB

Entrez GeneID	338
Protein Accession#	NP_000375.2
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 occur s in plasma as two main isoforms, apoB-48 and apoB-100: the former is synthesized exclusively i n 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 sequen ce. The shorter apoB-48 protein is produced after RNA editing of the apoB-100 transcript at resid ue 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, normotriglyceride mic 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

Publication Reference

- Polymorphisms in apolipoprotein B and risk of ischemic stroke.

  Benn M, Nordestgaard BG, Jensen JS, Tybjaerg-Hansen A.

  The Journal of Clinical Endocrinology and Metabolism 2007 Sep; 92(9):3611.

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