

RecomAb™

LPL recombinant monoclonal antibody, clone R03-8B4

Catalog # RAB06482 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LPL.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human LPL.
Theoretical MW (kDa)	Calculated MW: 53 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 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
- Immunohistochemistry

Gene Info — LPL

Entrez GeneID [4023](#)**Gene Name** LPL**Gene Alias** HDLCQ11, LIPD**Gene Description** lipoprotein lipase**Omim ID** [144250](#) [238600](#) [609708](#)**Gene Ontology** [Hyperlink](#)

Gene Summary LPL encodes lipoprotein lipase, which is expressed in heart, muscle, and adipose tissue. LPL functions as a homodimer, and has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake. Severe mutations that cause LPL deficiency result in type I hyperlipoproteinemia, while less extreme mutations in LPL are linked to many disorders of lipoprotein metabolism. [provided by RefSeq]

Other Designations -

Pathway

- [Glycerolipid metabolism](#)
- [PPAR signaling pathway](#)

Disease

- [Albuminuria](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Angina](#)
- [Angina Pectoris](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Birth Weight](#)

- [Body Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cholecystolithiasis](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colitis](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Cystic fibrosis](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Heart Diseases](#)
- [HELLP Syndrome](#)
- [Hepatitis](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperinsulinism](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type I](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type III](#)
- [Hyperlipoproteinemia Type IV](#)

- [Hyperlipoproteinemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hypertrophy](#)
- [Infant](#)
- [Infarction](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Intracranial Embolism and Thrombosis](#)
- [Ischemic Attack](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Lipid Metabolism](#)
- [Lipid Metabolism Disorders](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)

- [Pancreatitis](#)
- [Periodontitis](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Sleep Apnea](#)
- [Steatorrhea](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Werner syndrome](#)