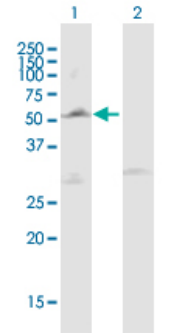
MaxPab®

LPL purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004023-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LPL expression in transfected 293T cell line (H00004023-T01) by LPL MaxPab polyclonal antibody.

Lane 1: LPL transfected lysate(52.25 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human LPL protein.
Immunogen	LPL (NP_000228.1, 1 a.a. ~ 475 a.a) full-length human protein.
Sequence	MESKALLVLTLAVWLQSLTASRGGVAAADQRRDFIDIESKFALRTPEDTAEDTCHLIPGVAESVAT CHFNHSSKTFMVIHGWTVTGMYESWVPKLVAALYKREPDSNVIVVDWLSRAQEHYPVSAGYTKL VGQDVARFINWMEEEFNYPLDNVHLLGYSLGAHAAGIAGSLTNKKVNRITGLDPAGPNFEYAEAP SRLSPDDADFVDVLHTFTRGSPGRSIGIQKPVGHVDIYPNGGTFQPGCNIGEAIRVIAERGLGDVD QLVKCSHERSIHLFIDSLLNEENPSKAYRCSSKEAFEKGLCLSCRKNRCNNLGYEINKVRAKRSSK MYLKTRSQMPYKVFHYQVKIHFSGTESETHTNQAFEISLYGTVAESENIPFTLPEVSTNKTYSFLIYT EVDIGELLMLKLKWKSDSYFSWSDWWSSPGFAIQKIRVKAGETQKKVIFCSREKVSHLQKGKAP AVFVKCHDKSLNKKSG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — LPL

Entrez GeneID	4023
GeneBank Accession#	NM_000237.1
Protein Accession#	NP_000228.1
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 fun ctions as a homodimer, and has the dual functions of triglyceride hydrolase and ligand/bridging fa ctor for receptor-mediated lipoprotein uptake. Severe mutations that cause LPL deficiency result i n 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