

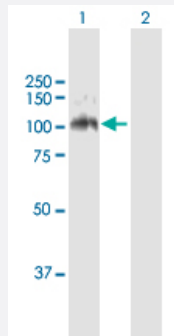
MaxPab®

LDLR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003949-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LDLR expression in transfected 293T cell line ([H00003949-T01](#)) by LDLR MaxPab polyclonal antibody.

Lane 1: LDLR transfected lysate(94.6 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human LDLR protein.

Immunogen

LDLR (AAH14514, 1 a.a. ~ 860 a.a) full-length human protein.

Sequence

MGPWGWKLRWTVALLLAAAGTAVGDR CERNEFQCQDGK CISKWVCDGSAECQDGSD ESQE
TCLSVTCKSGDFSCGGRVNR CIPQFWRC DGQVDCDNGSDEQGC PPKTC SQDEF RCHD GK C I S
RQFVCDSDRDCLDGSDEASCPVLT CGPAS FQCNSSTCIPQLWACDNDPDCEDGSDEWPQRC
RGLYVFQGDSSPCSAFEFHCLSGECIHSSWRCDGGPDCKDKSDEENCAVATCRPDEFQCSDG
NCIHGSRQCDREYDCKDMSDEVGCVNVTLC EGP NKFCHSGECITL DKVCNMARDCRDWSDE
PIKECGTNECLDNNGGCSHVCNDLKIGYECLCPDGFQLVAQRRCEDIDECQDPDTC SQLCVNLE
GGYKCQCEEFGQLDPHTKACKAVGSIAYLFFTNRHEVRKMTLDRSEYTS LIPNLRNVVALDTEVA
SNRIYWSDLSQRMICSTQLDRAHGVSSYDTVISRDIQAPDGLAVDWIHSNIYWTDSVLGTVSVADT
KGVKRKTLFRENGSKPRAIVDPVHGFMYWTDWGT PAKIKKGGLNGVDIYSLVTENIQWPNGITLD
LLSGRLYWVDSKLHSSISIDVNGGNRK TILED EKRLAHPFSLAVFEDKVFWDIINEAIFSANRLTGS
DVNLLAENLLSPEDMVL FHNLTQPRGVNWCERTT LSNGGCQYLCLPAPQINPHSPKFTCACP DG
MLLARDMRSCLTEAAAVATQETSTVRLKVSSTAVRTQH TTTTRPVDPDTSRLPGATPGLTTVEITM
SHQALGDVAGRGNEKKPSSVRALSIVLPVLLVFLCLGVFLLWKNWRLKNINSINF DNPVYQKTTE
DEVHICHNQDGYSYPSRQMV SLEDDVA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (79)
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.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — LDLR

Entrez GeneID	3949
GeneBank Accession#	BC014514
Protein Accession#	AAH14514
Gene Name	LDLR
Gene Alias	FH, FHC
Gene Description	low density lipoprotein receptor
Omim ID	143890 606945
Gene Ontology	Hyperlink
Gene Summary	The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. Low density lipoprotein (LDL) is normally bound at the cell membrane and taken into the cell ending up in lysosomes where the protein is degraded and the cholesterol is made available for repression of microsomal enzyme 3-hydroxy-3-methylglutaryl coenzyme A (HMG CoA) reductase, the rate-limiting step in cholesterol synthesis. At the same time, a reciprocal stimulation of cholesterol ester synthesis takes place. Mutations in this gene cause the autosomal dominant disorder, familial hypercholesterolemia. [provided by RefSeq]
Other Designations	LDL receptor low-density lipoprotein receptor class A domain-containing protein 3

Pathway

- [Endocytosis](#)

Disease

- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Aortic Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Biliary Tract Neoplasms](#)
- [Bone Diseases](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cellulitis](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chromosome Disorders](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diseases in Twins](#)
- [Ductus Arteriosus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Fractures](#)
- [Gallstones](#)
- [Gaucher disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hypercholesterolemia](#)
- [Hyperglycemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type I](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Infant](#)
- [Inflammation](#)

- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Smith-Lemli-Opitz Syndrome](#)
- [Stroke](#)
- [Thrombophilia](#)

- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Translocation](#)
- [Urinary Bladder Neoplasms](#)
- [Vascular Diseases](#)
- [Viremia](#)
- [Werner syndrome](#)