

Rabbit anti-Human LDL Polyclonal Antibody | anti-LDL antibody

LDL Receptor antibody (biotin)

CATALOG # AAA74972	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

LDL; Polyclonal Antibody; LDL Receptor antibody (biotin); Polyclonal LDL Receptor; Anti-LDL Receptor; Low Density Lipoprotein Receptor; anti-LDL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human LDL receptor
Purity/Purification	Immunoaffinity chromatography
Form/Format	Liquid in PBS with penicillin/streptomycin for antibiotic protection
Sequence Length	858
Applicable Applications for anti-LDL antibody	FCM/FACS (Flow Cytometry)
Biological Significance	Low-density lipoprotein (LDL) is one of the five major groups of lipoproteins, which in order of size, largest to smallest, are chylomicrons, VLDL, IDL, LDL and HDL, that enable lipids like cholesterol and triglycerides to be transported within the water-based bloodstream. Blood tests typically report LDL-C, the amount of cholesterol contained in LDL. In clinical context, mathematically calculated estimates of LDL-C are commonly used to estimate how much low density lipoproteins are driving progression of atherosclerosis. Direct LDL measurements are also available.
Tag/Conjugate	Biotin
Immunogen	LDL receptor antibody (biotin) was raised in rabbit using a specific synthetic peptide (sequence not conserved in VLDL receptor and LRP) of the LDL receptor extracellular domain as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-LDL antibody	Rabbit polyclonal LDL Receptor antibody (biotin) conjugated
Product Categories/Family for anti-LDL antibody	Cardiac Markers ; Conjugated Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	307775412
NCBI GeneID	3949

NCBI Accession #	NP_001182727.1
NCBI GenBank Nucleotide #	NM_001195798.1
UniProt Accession #	P01130 ; Q53ZD9 ; Q59FQ1 ; Q9UDH7 ; B4DII3 ; B4DJZ8 ; B4DR00 ; B4DTQ3 ; C0JYY8 ; H0YLU8 ; H0YNT7
Molecular Weight	82,255 Da
NCBI Official Full Name	low-density lipoprotein receptor isoform 2
NCBI Official Synonym Full Names	low density lipoprotein receptor
NCBI Official Symbol	LDLR
NCBI Official Synonym Symbols	FH; FHC; LDLCQ2
NCBI Protein Information	low-density lipoprotein receptor
UniProt Protein Name	Low-density lipoprotein receptor
UniProt Gene Name	LDLR
UniProt Synonym Gene Names	LDL receptor
UniProt Entry Name	LDLR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ldl-antibody-flow-cytometry-elisa/74972>