

Rabbit anti-Human, Mouse LDL Receptor Monoclonal Antibody | anti-LDLR antibody

Anti-LDL Receptor Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46865	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

LDL Receptor; Monoclonal Antibody; Anti-LDL Receptor Rabbit Monoclonal Antibody; Low-density lipoprotein receptor; LDL receptor; LDLR; anti-LDLR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BCF-12
Purity/Purification	Affinity-chromatography
Form/Format	Liquid; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.04-0.5mg/ml BSA.
Sequence Length	739
Applicable Applications for anti-LDLR antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	A synthesized peptide derived from human LDL Receptor
Subcellular Localization	Cell membrane; Single-pass type I membrane protein. Endomembrane system; Single-pass type I membrane protein. Membrane, clathrin-coated pit; Single-pass type I membrane protein. Golgi apparatus. Early endosome. Late endosome. Cell surface. Lysosome. Found distributed from the plasma membrane to intracellular compartments. Localizes to the Golgi apparatus, early and late endosomes/lysosomes and cell surface in the presence of PCSK9.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


WB (Western Blot)

Western blot analysis of LDLR expression in HepG2 cell lysate


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat testis, using LDL Receptor Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LDLR antibody	Binds LDL, the major cholesterol-carrying lipoprotein of plasma, and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin-coated pits.
Product Categories/Family for anti-LDLR antibody	Cardiovascular; Lipids/Lipoproteins; Lipoproteins/Apolipoproteins; Signal Transduction; Metabolism; Lipid Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504975
NCBI GeneID	3949
NCBI Accession #	NP_000518.1
NCBI GenBank Nucleotide #	NM_000527.4
UniProt Accession #	P01130; Q53ZD9; Q59FQ1; Q9UDH7; B4DII3; B4DJZ8; B4DR00; B4DTQ3; C0JYY8; H0YLU8; H0YNT7
NCBI Official Full Name	low-density lipoprotein receptor isoform 1
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

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ldl-receptor-antibody-clone-bcf-12-western-blot-immunocytochemistry-immunofluorescence-flow-cytometry-elisa/46865>