

Rabbit LDL Receptor (LDLR) Polyclonal Antibody | anti-LDL antibody

LDL Receptor (LDLR) Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282327	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LDL Receptor (LDLR); Polyclonal Antibody; LDL Receptor (LDLR) Rabbit pAb; LDLR; FH; FHC; LDLQC2; low-density lipoprotein receptor; anti-LDL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-LDL antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 761-860 of human LDL Receptor (LDLR) (NP_000518.1).
Cellular Location	Cell membrane, Cell surface, Early endosome, Endomembrane system, Golgi apparatus, Late endosome, Lysosome, Membrane, Single-pass type I membrane protein, clathrin-coated pit
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



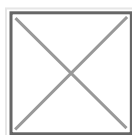
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using LDL Receptor (LDLR) Rabbit pAb at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using LDL Receptor (LDLR) antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse lung using LDL Receptor (LDLR) antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-LDL antibody	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. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-LDL antibody	Cancer; Signal Transduction; Endocrine & Metabolism; Lipid Metabolism; Cholesterol Metabolism; Cardiovascular; Heart; Lipids; Cardiovascular diseases; Heart disease; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1002256799
NCBI GeneID	4331345
NCBI Accession #	XP_015632709.1
NCBI GenBank Nucleotide #	XM_015777223.1
UniProt Accession #	Q6TAQ6; Q70PQ5; Q8H7U9; B7ET29
Molecular Weight	91,829 Da
NCBI Official Full Name	homeobox-leucine zipper protein HOX10
NCBI Official Symbol	LOC4331345
NCBI Official Synonym Symbols	hb1; HOX10; OsHB1; OsHox10; OsJ_008792
NCBI Protein Information	homeobox-leucine zipper protein HOX10
UniProt Protein Name	Homeobox-leucine zipper protein HOX10
UniProt Gene Name	HOX10
UniProt Synonym Gene Names	HB1

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/polyclonal/ldl-receptor-ldlr-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/282327>