LDLR Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 250514
Unit: 0.1 mg

Description:
The Low-density lipoprotein receptor (LDLR) binds LDL, the major cholesterol-carrying lipoprotein of plasma, on the cell surface in clathrin-coated pits, followed by endocytosis. LDLR defects lead to familial hypercholesterolemia (FH), a common autosomal semi-dominant disease affecting 1 in 500 individuals and characterized by cholesterol deposit in the skin, tendons, and coronary arteries (atherosclerosis). LDLR acts as a receptor for the HIV-1 Tat protein in neurons and mediates its internalization.

Isotype: Rabbit Ig
Applications: E, IHC, WB
Species Reactivity: H, M, R
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.
Alternate Names: Low-density lipoprotein receptor; LDL-R; Low-density lipoprotein receptor precursor; LDL receptor; LDLR
Accession No.: P01130

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human LDLR.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.