



Anti-LDLR polyclonal antibody [Biotin] (DPABY-356)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | View LDL Receptor IHC images. |
| Specificity | Detects human LDL R in ELISAs and Western blots. In sandwich immunoassays, less than 3% cross-reactivity with rmLDLR is observed. |
| Immunogen | Chinese hamster ovary cell line CHO-derived recombinant human LDL R. Asp193-Arg788 Accession Number P01130 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Antigen Affinity-purified |
| Conjugate | Biotin |
| Applications | Western Blot, ELISA Detection (Matched Pair) |
| Format | Liquid |
| Size | 50 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. |
| Preservative | None |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. |

6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

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| Gene Name | LDLR low density lipoprotein receptor [Homo sapiens (human)] |
| Official Symbol | LDLR |
| Synonyms | LDLR; low density lipoprotein receptor; FH; FHC; LDLCQ2; low-density lipoprotein receptor; LDL receptor; low-density lipoprotein receptor class A domain-containing protein 3; |
| Entrez Gene ID | 3949 |
| Protein Refseq | NP_000518 |
| UniProt ID | A0A024R7D5 |
| Chromosome Location | 19p13.2 |
| Pathway | Bile secretion; Chylomicron-mediated lipid transport; DNA damage response (only ATM dependent); Disease; Diseases associated with visual transduction; Endocytosis; Hepatitis C; LDL-mediated lipid transport; |
| Function | calcium ion binding; glycoprotein binding; low-density lipoprotein particle binding; low-density lipoprotein receptor activity; protein binding; very-low-density lipoprotein particle receptor activity; |