

## Rabbit Low Density Lipoprotein Receptor Polyclonal Antibody | anti-LDLR antibody

Polyclonal Antibody to Low Density Lipoprotein Receptor (LDLR)

| CATALOG # | HOST   | REACTIVITY      | APPLICATIONS                                                   |
|-----------|--------|-----------------|----------------------------------------------------------------|
| AAA143128 | Rabbit | Human, Rat, Pig | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

Low Density Lipoprotein Receptor; Polyclonal Antibody; Polyclonal Antibody to Low Density Lipoprotein Receptor (LDLR); anti-LDLR antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity                                     | Human, Rat, Pig                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against LDLR. It has been selected for its ability to recognize LDLR in immunohistochemical staining and western blotting.                                                                                                                                                                                                             |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                    | Liquid                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-TVSVADTK GVKRKTFLRE NGSKPRAIVV<br>DPVHGFMWYT DWGTPAKIKK GGLNGVDIYS LV TENIQWPN GITDLLSGR LYWVDSKLHS ISSIDVNGGN<br>RKTILEDEKR LAHPFSLAVF EDKVFWDII NEAIFSANRL TGSDVNLLAE NLLSPEDMVL FHNLTQPRGV<br>NWCERTTSLN GGCQYLCLPA PQINPH |
| Sequence Length                                | 847                                                                                                                                                                                                                                                                                                                                                                                        |
| Applicable Applications for anti-LDLR antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                            |
| Fragment                                       | LDLR (Thr497~Thr742)                                                                                                                                                                                                                                                                                                                                                                       |
| Organism Species                               | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                       |
| Cross Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                                      | Recombinant LDLR (Thr497~Thr742) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                     |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                              |

IMAGES



IHC (Immunohiostchemistry)  
DAB staining on fromalin fixed paraffin-embedded Liver tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant LDLR, Human.

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 |
| Molecular Weight                 | 82,255 Da                                                                              |
| 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.