

Datasheet for ABIN2781810  
**anti-LDLR antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Quantity:            | 100 µL                                                      |
| Target:              | LDLR                                                        |
| Binding Specificity: | C-Term                                                      |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Pig, Rabbit, Horse |
| Host:                | Rabbit                                                      |
| Clonality:           | Polyclonal                                                  |
| Conjugate:           | This LDLR antibody is un-conjugated                         |
| Application:         | Western Blotting (WB)                                       |

## Product Details

|                       |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C-terminal region of Human LDLR                      |
| Sequence:             | VDSKLHSISS IDVNGGNRKT ILEDEKRLAH PFSLAVFEDK VFWTDIINEA                                                         |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 93% |
| Characteristics:      | This is a rabbit polyclonal antibody against LDLR. It was validated on Western Blot.                           |
| Purification:         | Affinity Purified                                                                                              |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | LDLR                                   |
| Alternative Name: | LDLR ( <a href="#">LDLR Products</a> ) |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | <p>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.</p> <p>Alias Symbols: FH, FHC, LDLCQ2</p> <p>Protein Interaction Partner: PCSK9, UBC, env, MAP4, PDIA3, CREBBP, PDIA4, HSP90B1, HSPA5, CANX, MYLIP, AP1M2, LDLR, SNX17, LDLRAP1, DAB1, PF4, APOE, APOB, LRPAP1, DAB2, CD36,</p> <p>Protein Size: 682</p> |
| Molecular Weight: | 75 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID:          | 3949                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NCBI Accession:   | <a href="#">NM_001195803</a> , <a href="#">NP_001182732</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pathways:         | <a href="#">Hepatitis C</a> , <a href="#">Lipid Metabolism</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

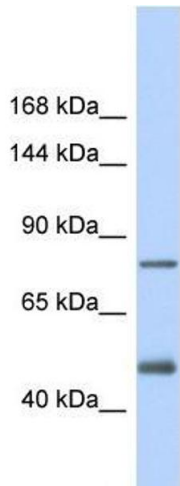
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeat freeze-thaw cycles.                                                                                       |
| Storage:           | -20 °C                                                                                                                 |

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** Host: Rabbit Target Name: LDLR Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml