

Datasheet for ABIN6940887

**Recombinant anti-VLDLR antibody (C-Term)**[Go to Product page](#)**1** Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µg                               |
| Target:              | VLDLR                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human, Rat                           |
| Host:                | Rabbit                               |
| Antibody Type:       | Recombinant Antibody                 |
| Clonality:           | Monoclonal                           |
| Conjugate:           | This VLDLR antibody is un-conjugated |
| Application:         | ELISA, Coating (Coat)                |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | Recombinant human VLDLR fragment from c-terminal |
| Clone:        | VLDLR-2896R                                      |
| Isotype:      | IgG  |
| Purification: | Purified by Protein A/G                          |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | VLDLR  |
| Alternative Name: | VLDLR ( <a href="#">VLDLR Products</a> )   |
| Background:       | VLDLR (very low density lipoprotein receptor) is a member of the LDL receptor gene family, |

## Target Details

which includes LDL receptor, LRP, megalin, VLDLR and ApoER2. The LDL receptor family is characterized by a cluster of cysteine-rich class A repeats, epidermal growth factor (EGF)-like repeats, YWTD repeats and an O-linked sugar domain. VLDLR associates with RAP (receptor associated protein) during receptor folding, and RAP facilitates the secretion of the extracellular region of VLDLR. VLDLR is thought to mediate the interaction of extracellular Reelin and cytosolic mDab1 (mammalian disabled protein), which activates a tyrosine kinase. This pathway regulates the migration of neurons along the radial glial fiber network during brain development.

Molecular Weight: 143-161kDa

Gene ID: 7436

UniProt: [P98155](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

Application Notes: Positive Control: HeLa or U-251 cells. Pancreas, Cerebellum, Heart or Skeletal Muscle.  
Known Application: ELISA (For coating, order antibody without BSA) Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

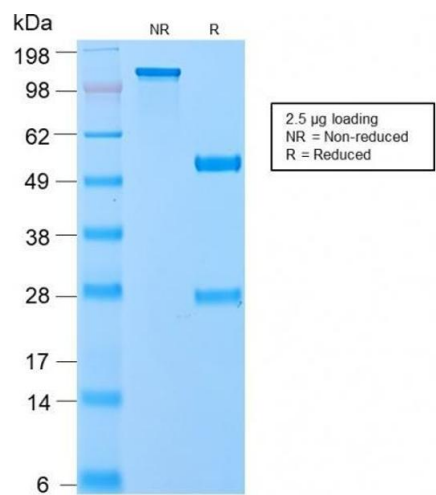
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

**Image 1.** SDS-PAGE Analysis of Purified VLDL-Receptor Rabbit Recombinant Monoclonal Antibody (VLDLR/2896R). Confirmation of Purity and Integrity of Antibody.