

Product Datasheet

VLDLR Antibody / VLDL Receptor (orb2643927)

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| Description | VLDLR (very low density lipoprotein receptor) is a member of the LDL receptor gene family, 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. |
| Species/Host | Rabbit |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Tested Applications | ELISA |
| Immunogen | A recombinant protein fragment from the C-terminal region of VLDLR was used as the immunogen for this recombinant VLDL Receptor antibody. |
| Preservatives | 0.2 mg/ml with 0.1 mg/ml rAlbumin (US sourced), 0.05% sodium azide |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Note | For research use only |
| Application notes | Optimal dilution of the antibody should be determined by the researcher. |
| Formula | 0.2 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide |
| Isotype | Rabbit IgG, kappa |
| Clonality | Recombinant |

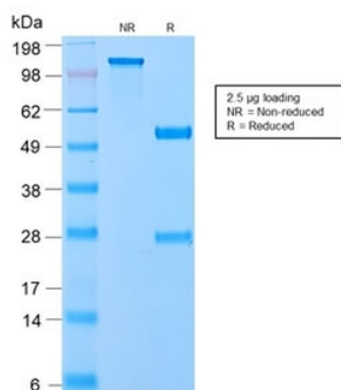
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|---------------------------|---|
| Clone Number | VLDLR/2896R |
| Purity | Protein A affinity chromatography |
| Uniprot ID | P98155 |
| Hazard Information | This recombinant VLDL Receptor antibody is available for research use only. |
| Dilution Range | ELISA (order BSA-free format for coating) |
| Expiration Date | 12 months from date of receipt. |



SDS-PAGE analysis of purified, BSA-free recombinant VLDL Receptor antibody (clone VLDLR/2896R) as confirmation of integrity and purity.

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