

Rabbit VLDLR Polyclonal Antibody | anti-VLDLR antibody

VLDLR Antibody (Center)

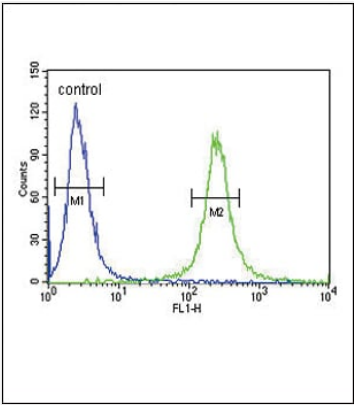
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285451	Rabbit	Human (Predicted Reactivity: Rabbit)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

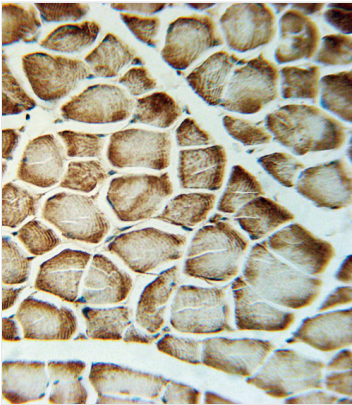
VLDLR; Polyclonal Antibody; VLDLR Antibody (Center); Very low-density lipoprotein receptor; VLDL receptor; VLDL-R; anti-VLDLR antibody

PRODUCT SPECIFICATIONS

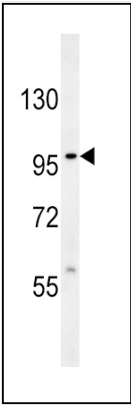
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VLDLR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 484-510 amino acids from the Central region of human VLDLR.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	484-510
Sequence Length	845
Applicable Applications for anti-VLDLR antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
VLDLR Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
VLDLR Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the VLDLR Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
VLDLR Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the VLDLR antibody detected the VLDLR protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-VLDLR antibody	The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. This gene encodes a lipoprotein receptor that is a member of the LDLR family and plays important roles in VLDL-triglyceride metabolism and the reelin signaling pathway. Mutations in this gene cause VLDLR-associated cerebellar hypoplasia. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene. [provided by RefSeq].
Product Categories/Family for anti-VLDLR antibody	Cancer; Cardiovascular; Metabolism; Neuroscience; Signal transduction
References	Sakai, K., et al. Brain Res. 1276, 11-21 (2009) Francis, P.J., et al. J. Med. Genet. 46(5):300-307(2009) Ananyeva, N.M., et al. Blood Coagul. Fibrinolysis 19(6):543-555(2008) Turkmen, S., et al. Eur. J. Hum. Genet. 16(9):1070-1074(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	65301164
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NCBI GeneID	7436
NCBI Accession #	NP_001018066.1; NP_003374.3
NCBI GenBank Nucleotide #	NM_001018056.1
UniProt Accession #	P98155; Q5VVF6; B2RMZ7; D3DRH6
Molecular Weight	96098
NCBI Official Full Name	very low-density lipoprotein receptor isoform b
NCBI Official Synonym Full Names	very low density lipoprotein receptor
NCBI Official Symbol	VLDLR
NCBI Official Synonym Symbols	CAMRQ1; CARMQ1; CHRMQ1; VLDLRCH
NCBI Protein Information	very low-density lipoprotein receptor
UniProt Protein Name	Very low-density lipoprotein receptor
UniProt Gene Name	VLDLR
UniProt Synonym Gene Names	VLDL receptor; VLDL-R
UniProt Entry Name	VLDLR_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vldlr-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285451>