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Datasheet for ABIN6252626

anti-Very Low Density Lipoprotein (VLDL) (C-Term) antibody

Overview

Quantity:	100 µg
Target:	Very Low Density Lipoprotein (VLDL)
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	A human recombinant partial protein from the C-terminal region was used as the immunogen for this VLDL Receptor antibody.
Clone:	VLDLR-1337
Isotype:	IgG1
Purification:	Protein G affinity chromatography

Target Details

Target:	Very Low Density Lipoprotein (VLDL)
Alternative Name:	VLDL (VLDL Products)

Target Details

Background: Very Low Density Lipoprotein Receptor (VLDLR/VLDL 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. VLDL receptor 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.

Gene ID: 7436

UniProt: [P98155](#)

Application Details

Application Notes: Flow Cytometry: 0.5-1 µg/10⁶ cells in 0.1ml

IF: 1-2 µg/mL

Western blot: 1-2 µg/mL

IHC (FFPE): 1-2 µg/mL for 30 min at RT

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the VLDL Receptor antibody to be titrated up or down for optimal performance.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.1 mg/mL BSA and 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot and Store at -20C. Avoid freez-thaw cycles.