

Datasheet for ABIN3024045
anti-VLDLR antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	VLDLR
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VLDLR antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A human partial recombinant protein from the C-terminal region was used as the immunogen for this VLDLR antibody.
Clone:	VLPR-1
Isotype:	IgG1
Purification:	Protein G affinity chromatography

Target Details

Target:	VLDLR
Alternative Name:	VLDLR (VLDLR Products)

Target Details

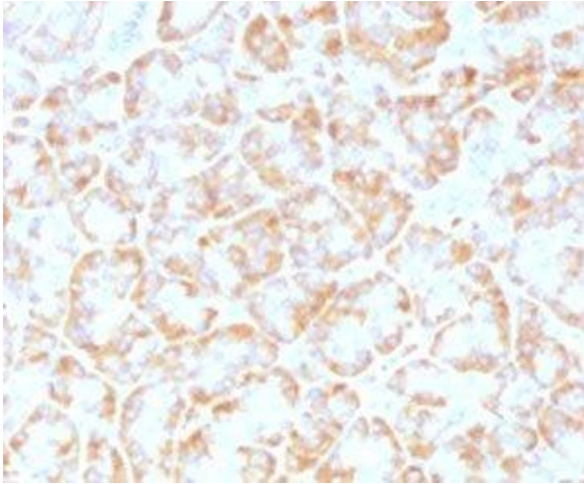
Background:	Very Low Density Lipoprotein Receptor (VLDLR/VLDL receptor) is a member of the LDL receptor gene family which includes LDL receptor, LRP, megalin, VLDLR and ApoER2. The LDL receptor family is characterized by a cluster of cysteine-rich class A repeats, epidermal growth factor (EGF)-like repeats, 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
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the VLDLR antibody to be titrated up or down for optimal performance. 1. Staining of FFPE tissue is enhanced by boiling sections in 10 mM Tris with 1 mM EDTA, pH 9 for 10-20 min followed by cooling at RT for 20 min.\. FACS: 0.5-1 µg/10⁶ cells,IF: 1-2 µg/mL,Western blot: 1-2 µg/mL,IHC (FFPE): 1-2 µg/mL (1)
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium 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,-20 °C
Storage Comment:	Store the VLDLR antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



Immunohistochemistry

Image 1. IHC testing of FFPE human pancreas with VLDLR antibody (clone VLPR-1).