Datasheet for ABIN7175437

anti-VLDLR antibody (AA 133-247)

2 Images

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Overview

Quantity:	100 µg
Target:	VLDLR
Binding Specificity:	AA 133-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VLDLR antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Very low-density lipoprotein receptor protein (133-247AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	VLDLR
Alternative Name:	VLDLR (VLDLR Products)
Background:	Background: Binds VLDL and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin-coated pits. Binding to Reelin

Target Details

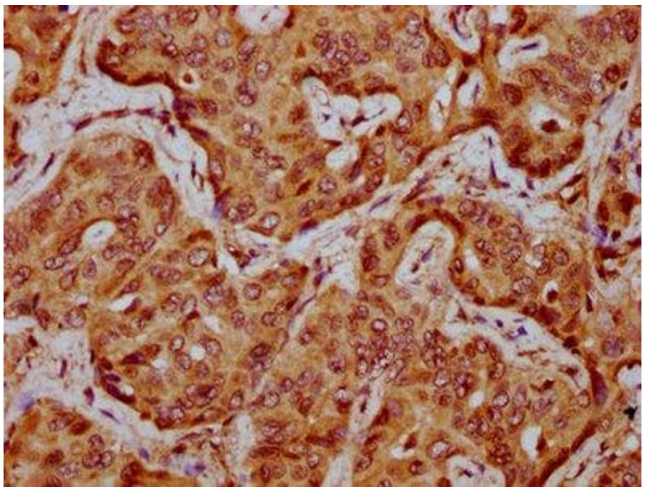
	induces tyrosine phosphorylation of Dab1 and modulation of Tau phosphorylation (By similarity). Aliases: FLJ35024 antibody, Very low density lipoprotein receptor antibody, Very low-density lipoprotein receptor antibody, VLDL R antibody, VLDL receptor antibody, VLDL-R antibody, VLDLR antibody, VLDLR_HUMAN antibody, VLDLRCH antibody
UniProt:	P98155
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

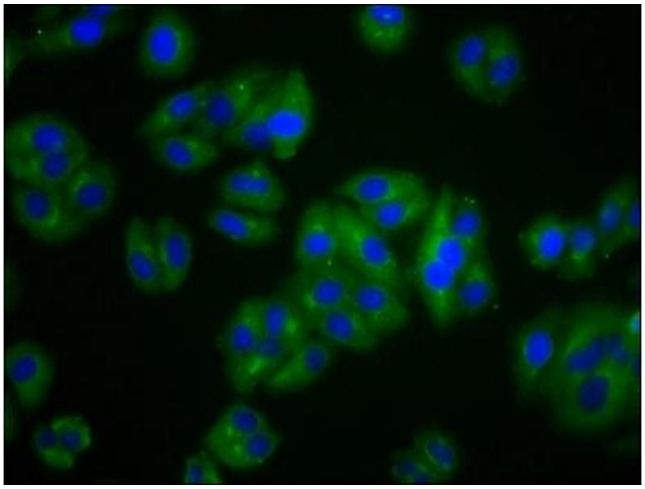
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7175437 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7175437 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

