

Datasheet for ABIN233315 **anti-LDLR antibody (AA 184-196)**



[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	LDLR
Binding Specificity:	AA 184-196
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LDLR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic peptide of the complement homology region within the ligand binding site of the LDL receptor extracellular domain. Epitope between aa184-196, the linker region between repeats 4 and 5. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes human LDLR. Does not inhibit binding of LDL. In Western Blot, recognizes the 160kD of LDLR and a 120kD band of the LDLR precursor from fibroblasts, hepatocytes and monocytic cells cultured in the presence of lipoprotein-deficient serum. Sequence not conserved in VLDL Receptor and LRP. Species cross-reactivity: rat. Species sequence Homology: mouse and bovine.

Product Details

Purification: Protein A purified

Target Details

Target: LDLR

Alternative Name: LDLR / LDL Receptor ([LDLR Products](#))

Background: Name/Gene ID: LDLR

Synonyms: LDLR, FHC, LDL receptor, LDLCQ2

Gene ID: 3949

UniProt: [P01130](#)

Pathways: [Hepatitis C, Lipid Metabolism](#)

Application Details

Application Notes: Approved: ELISA, Flo (1:5), IHC, IHC-Fr (1:10), WB (1:50 - 1:100)

Usage: Suitable for use in ELISA, Western Blot, FACS and Immunohistochemistry. Western Blot: 1:50-1:100 using ECL (non-reducing). FACS: 1:5. Immunohistochemistry: 1:10. Note: It is best to work with partially purified material. In the case of rat (probably also mouse), induce LDLR expression prior to the isolation of culture cells or tissue homogenate. It is always better to use cultured cells. In rat, use estradiol to induce LDLR expression. Positive control: HepG2 cells and liver sections.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.5 % BSA.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.