

Product datasheet

Anti-LDL antibody ab157795

Overview

Product name	Anti-LDL antibody
Description	Chicken polyclonal to LDL
Host species	Chicken
Tested applications	Suitable for: ELISA, RIA
Species reactivity	Reacts with: Human
Immunogen	Human LDL purified from Human plasma.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 7.50 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Protein L purified
Clonality	Polyclonal
Isotype	IgY

Applications

Our [Abpromise guarantee](#) covers the use of **ab157795** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.
RIA		Use at an assay dependent dilution.

Target

Relevance

The low density lipoprotein (LDL) receptor system coordinates the metabolism of cholesterol, an essential component of the plasma membrane of all mammalian cells. Study of this system has led to an enhanced understanding of the cellular basis of cholesterol homeostasis. It has also brought into focus an important mechanism of metabolic regulation—the process of receptor-mediated endocytosis (1). Data suggest that the juxtamembranous region of the cytoplasmic domain participates in protein:protein interactions that allow the low density lipoprotein receptor to cluster in coated pits (2). It has been shown that the family of LDL receptors may serve as viral receptors. Endocytosis of the Flaviviridae viruses, hepatitis C virus, GB virus C/hepatitis G virus, and bovine viral diarrheal virus (BVDV) was shown to be mediated by LDL receptors on cultured cells

Cellular localization

Cell Membrane

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors