

# Anti-Apolipoprotein B antibody ab98132

★★★★★ [2 Abreviews](#) [5 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-Apolipoprotein B antibody
<b>Description</b>	Goat polyclonal to Apolipoprotein B
<b>Host species</b>	Goat
<b>Specificity</b>	<p>This antibody has negligible cross-reactivity with Type A-I, A-II, C-I, C-II, C-III, E and J apolipoproteins.</p> <p>Typically less than 1% cross-reactivity against other types of apolipoprotein was detected by ELISA against purified standards.</p> <p>Non-specific cross-reaction of anti-apolipoprotein antibodies with other Human serum proteins is negligible.</p>
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, IP, ELISA, GSA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length native Human Apolipoprotein B isolated from Human plasma.
<b>Positive control</b>	Human liver tissue
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 8.00</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 0.435% Sodium chloride, 0.146% EDTA, 4.7625% Sodium borate</p>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified by density gradient centrifugation, followed by HPLC purification

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab98132 in the following tested applications.

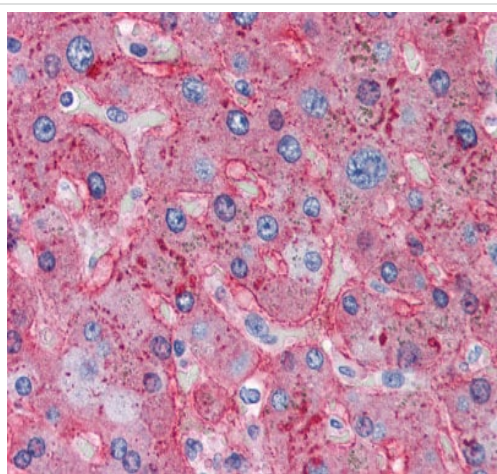
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★ ★ ★ ★ ★ (2)	Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
GSA		Use at an assay dependent concentration.
EMSA		Use at an assay dependent concentration.

## Target

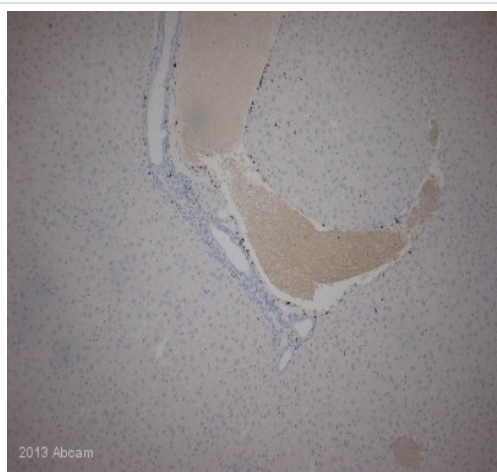
<b>Function</b>	Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.
<b>Involvement in disease</b>	Hypobetalipoproteinemia, familial, 1 Familial ligand-defective apolipoprotein B-100 Defects in APOB associated with defects in other genes (polygenic) can contribute to hypocholesterolemia.
<b>Sequence similarities</b>	Contains 1 vitellogenin domain.
<b>Post-translational modifications</b>	Palmitoylated; structural requirement for proper assembly of the hydrophobic core of the lipoprotein particle.
<b>Cellular localization</b>	Cytoplasm. Secreted.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apolipoprotein B antibody (ab98132)

Immunohistochemical analysis of formalin fixed, paraffin embedded Human liver tissue labelled with ab98132 at 5 µg/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apolipoprotein B antibody (ab98132)

This image is courtesy of an anonymous Abreview

ab98132 staining Apolipoprotein B in Mouse liver tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked for 15 minutes at room temperature; antigen retrieval was by heat mediation in a citrate buffer pH6.0. Samples were incubated with primary antibody (0.5 ug/ml in BSA/TBS buffer) for 30 minutes. **ab97101** Rabbit polyclonal Secondary Antibody to **Anti-goat HRP**, IgG - H&L, pre-adsorbed (1/500) was used as the secondary antibody.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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