

# Anti-Apolipoprotein B antibody ab20737

★★★★★ [6 Abreviews](#) [79 References](#)

### Overview

<b>Product name</b>	Anti-Apolipoprotein B antibody
<b>Description</b>	Rabbit polyclonal to Apolipoprotein B
<b>Host species</b>	Rabbit
<b>Specificity</b>	Cross-reacts with Apo B48 and B100.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Full length native protein (purified) corresponding to Mouse Apolipoprotein B. Apolipoprotein B48 purified from pooled mouse plasma very low-density lipoprotein.
<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>	Preservative: 0.02% Sodium azide Constituent: Whole serum
<b>Purity</b>	Whole antiserum
<b>Purification notes</b>	Heat inactivated. Product is 0.22um filtered.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab20737 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
WB	★★★★★ (2)	1/500. Predicted molecular weight: 515 kDa.

## Target

Function	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.
Involvement in disease	Hypobetalipoproteinemia, familial, 1 Familial ligand-defective apolipoprotein B-100 Defects in APOB associated with defects in other genes (polygenic) can contribute to hypocholesterolemia.
Sequence similarities	Contains 1 vitellogenin domain.
Post-translational modifications	Palmitoylated; structural requirement for proper assembly of the hydrophobic core of the lipoprotein particle.
Cellular localization	Cytoplasm. Secreted.

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

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