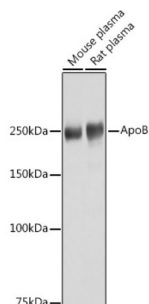
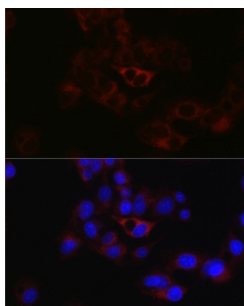


## Apolipoprotein B (APOB) Antibody

Catalogue No.: abx001189



Western blot analysis of various lysates using ApoB Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of mouse liver cells using ApoB Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

APOB Antibody is a Rabbit Polyclonal antibody against APOB. APOB, also named as Apo B-48 and Apo B-100, is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). APOB functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor. Defects in APOB are a cause of familial hypobetalipoproteinemia (FHBL). Defects in APOB are a cause of familial ligand-defective apolipoprotein B-100 (FDB). Defects in APOB associated with defects in other genes (polygenic) can contribute to hypocholesterolemia. The antibody is specific to APOB.

**Target:** Apolipoprotein B (APOB)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IF/ICC

**Host:** Rabbit

**Recommended dilutions:** ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 28-330 of human ApoB.

**Isotype:** IgG

# Datasheet

Version: 5.0.0

Revision date: 22 May 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P04114 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	APOB
<b>GeneID:</b>	<a href="#">338</a>
<b>NCBI Accession:</b>	NP_000375.3
<b>KEGG:</b>	hsa:338
<b>String:</b>	<a href="#">9606.ENSP00000233242</a>
<b>Molecular Weight:</b>	Calculated MW: 516 kDa Observed MW: 250 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
<b>Concentration:</b>	> 0.2 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.