

Datasheet for ABIN7189848

**anti-APOB antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	APOB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APOB antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Synthetic peptide of Human APOB
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

## Target Details

Target:	APOB
Alternative Name:	APOB ( <a href="#">APOB Products</a> )
Background:	Background: This gene product is the main apolipoprotein of chylomicrons and low density lipoproteins. It occurs in plasma as two main isoforms, apoB-48 and apoB-100: the former is synthesized exclusively in the gut and the latter in the liver. The intestinal and the hepatic forms of apoB are encoded by a single gene from a single, very long mRNA. The two isoforms share a

## Target Details

common N-terminal sequence. The shorter apoB-48 protein is produced after RNA editing of the apoB-100 transcript at residue 2180 (CAA->UAA), resulting in the creation of a stop codon, and early translation termination. Mutations in this gene or its regulatory region cause hypobetalipoproteinemia, normotriglyceridemic hypobetalipoproteinemia, and hypercholesterolemia due to ligand-defective apoB, diseases affecting plasma cholesterol and apoB levels.

Aliases: Apo B 100 antibody, Apo B antibody, Apo B-100 antibody, Apo B-48 antibody, Apo B100 antibody, Apo B48 antibody, ApoB 100 antibody, ApoB 48 antibody, APOB antibody, APOB\_HUMAN antibody, Apolipoprotein B (including Ag(x) antigen) antibody, Apolipoprotein B 100 antibody, Apolipoprotein B 48 antibody, Apolipoprotein B antibody, Apolipoprotein B-48 antibody, Apolipoprotein B100 antibody, Apolipoprotein B48 antibody, FLDB antibody, LDLQC4 antibody

UniProt: [P04114](#)

Pathways: [Lipid Metabolism](#)

## Application Details

Application Notes: ELISA:1:1000-1:5000, IHC:1:15-1:50,

Restrictions: For Research Use only

## Handling

Format: Liquid

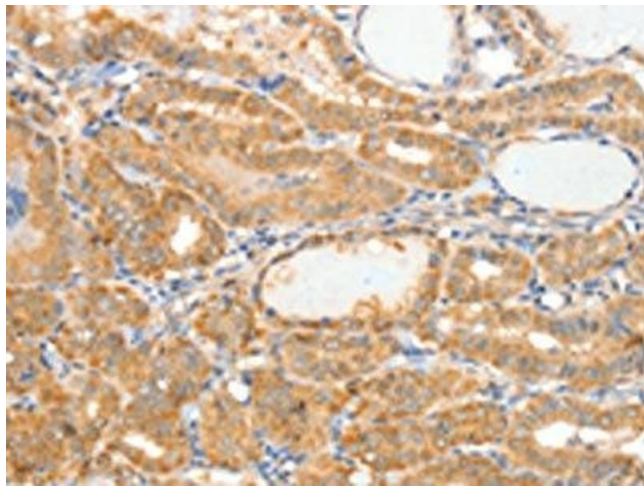
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

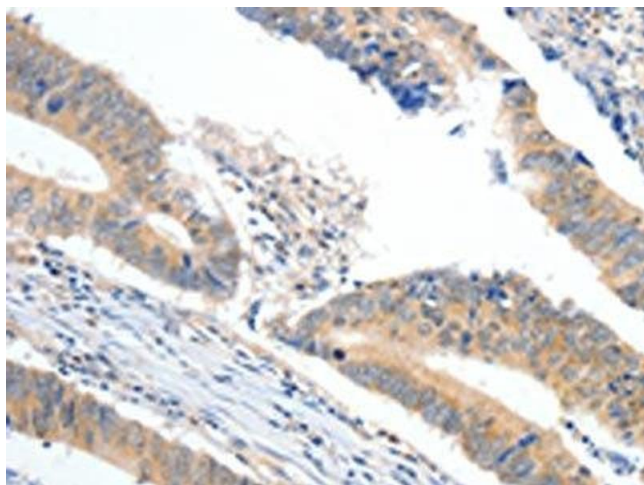
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7189848(APOB Antibody) at dilution 1/10, on the right is treated with synthetic peptide. (Original magnification: x200)



#### Immunohistochemistry

**Image 2.** The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ABIN7189848(APOB Antibody) at dilution 1/10, on the right is treated with synthetic peptide. (Original magnification: x200)