

Anti-APOB antibody

Cat. No.	ml160084
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-APOB rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human APOB
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	APOB
Full name	apolipoprotein B (including Ag(x) antigen)
Synonyms	FLDB; LDLCQ4
Swissprot	P04114

Target 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 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.

订购热线: 4008-898-798

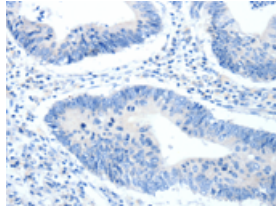
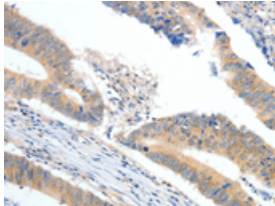
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 15-50

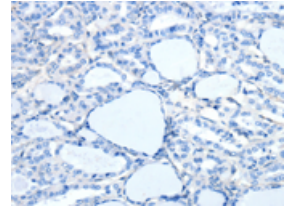
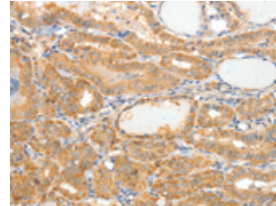


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml160084(APOB Antibody) at dilution 1/10, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml160084(APOB Antibody) at dilution 1/10, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-5000

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