

APOB Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05823
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human APOB
Mol wt	501930
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	APOB
Synonyms	APOB; Apolipoprotein B-100; Apo B-100; Apolipoprotein B-48; Apo B-48;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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