

Product datasheet for **TA346184**

Apolipoprotein B (APOB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-APOB antibody: synthetic peptide directed towards the middle region of human APOB. Synthetic peptide located within the following region: SPDKKLTIFKTELVRVRESDEETQIKVNWEEEAASGLLTSKDNVPKATGV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	241 kDa
Gene Name:	apolipoprotein B
Database Link:	NP_000375 Entrez Gene 338 Human P04114



[View online »](#)

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. [provided by RefSeq, Jul 2008]

Synonyms:

FLDB; LDLCQ4

Note:

Immunogen Sequence Homology: Human: 100%

Protein Families:

Druggable Genome, Transmembrane

Product images:


WB Suggested Anti-APOB Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Human Stomach