

Apolipoprotein B Rabbit pAb

db7799

Package : 20µL 50µL 100µL

Product Name : Apolipoprotein B Rabbit pAb**Cat.No.:** db7799**Synonyms** : FLDB; LDLCQ4; apoB-48; apoB-100**Application** : WB, FC, IP**Reactivity** : Human**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human Apolipoprotein B

Gene ID

338

Swiss Prot

P04114

Synonyms

FLDB; LDLCQ4; apoB-48; apoB-100

Reactivity

Human

Application

WB, FC, IP

Recommended dilution

WB: 1:2000-1:10000

FC: 1:200

IP: 1:20

Calculated MW

516 kDa

Observed MW

516 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.