## CAB1330



## **Product Information**

Product SKU:	CAB1330	Gene ID:	338	Size:	20uL, 100uL	
Clone No:	-	Host Species:	Rabbit	<b>Reactivity</b> :	Human, Mouse, Rat	
Additional Information						

Observed MW:	250kDa/	Conjugate:	Unconjugated
Calculated MW:	516kDa	lsotype:	lgG

## **Immunogen Information**

Background:	This gene product is the main apolipoprotein of chylomicrons and low density lipoproteins (LDL), and is
	the ligand for the LDL receptor. 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,1:500 - 1:1000 IF/ICC,1:50 - 1:200
Synonyms:	FLDB; FCHL2; LDLCQ4; apoB-48; apoB-100; ApoB
Purifcation Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 28-330 of human
	АроВ (NP_000375.3).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.