



Goat Anti-Human ApoB100 polyclonal antibody (CABT-L260G)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Apolipoprotein B100/ApoB100 specific. Detects human ApoB100 in direct ELISAs and Western blots.
Immunogen	E. coli-derived recombinant human ApoB100 (aa 3374-3600)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	ELISA, WB
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	0.05% sodium azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
Ship	Wet ice

BACKGROUND

Introduction

ApoB100 is a major serum Apolipoprotein synthesized by the liver. It is an important constituent of LDL, VLDL and IDL particles. It interacts with the LDL receptor and is involved in the delivery of cholesterol to tissues. Within the peptide sequence of the immunogen, human and mouse ApoB100 share 74% amino acid sequence identity. The sequence within the immunogen is absent in ApoB48, an alternative splice isoform that is exclusively synthesized by the gut. ApoB48 contains the amino terminal 47% of ApoB100 and lacks the LDL receptor region.

Keywords

Apolipoprotein B100, APOB100

GENE INFORMATION

Entrez Gene ID

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