Datasheet for ABIN7449339

anti-Apo-B100 antibody

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Overview

Quantity:	1 mg
Target:	Apo-B100
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Apo-B100 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Goat anti-Human Apo B-100 [A07] Antibody, Affinity Purified
Immunogen:	Human Apolipoprotein B100
Clone:	A07
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Apo-B100
Alternative Name:	ApoB-100 (Apo-B100 Products)
Background:	Background: ApoB exists in human plasma in two isoforms, ApoB-48 (Chen et al., 1987) and Apo B-100 (Wei et al., 1985, Yang et al., 1986a, 1989a,b, 1990, Chen et al., 1986, Yang et al.,

Target Details

	1990, Yang and Pownall, 1992). Apo B-100 is the major physiological ligand for the LDL receptor. Apo B-100 is a large monomeric protein, containing 4536 amino acids (m.w. 515 kDa, Yang et al., 1986b). Apo B-100 is synthesized in the liver and is required for the assembly of VLDL. It is found in LDL and VLDL after the removal of the Apo A, E and C. Apo B-48 is present in chylomicrons and their remnants. It is essential for the intestinal absorption of dietary lipids. Apo B levels correlate with the risk of coronary disease. The Apo B protein is directly involved in the retention of LDL with the arterial wall (Olofsson and Boren, 2012). Apo B-48 is synthesized in the small intestine. It comprises approximately half of the N-terminal region of ApoB-100 and is the result of posttranscriptional mRNA editing by a stop codon in the intestine not found in the liver.
Gene ID:	338
NCBI Accession:	NP_000375
UniProt:	P04114

Application Details

Application Notes:	WB: 1:1,000 - 1:80,000 ELISA: 1:1,000 - 1:80,000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	75 mM Sodium Phosphate, 75 mM NaCl, 0.5 mM EDTA, 0.02 % Sodium azide, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months

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