Human Apolipoprotein B100/ApoB100 Alexa Fluor® 350-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3260U
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ApoB100 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human ApoB100 Ile3374-Val3600 Accession # AAP72970
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

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.

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