Anti-Apolipoprotein B antibody ab20737

Overview

Product name Anti-Apolipoprotein B antibody
Description Rabbit polyclonal to Apolipoprotein B
Host species Rabbit
Specificity Cross-reacts with Apo B48 and B100.
Species reactivity Reacts with: Mouse, Human
Immunogen Full length native protein (purified) corresponding to Mouse Apolipoprotein B. Apolipoprotein B48 purified from pooled mouse plasma very low-density lipoprotein.

Properties

Form Liquid
Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer Preservative: 0.02% Sodium azide
Constituent: Whole serum
Purity Whole antiserum
Purification notes Heat inactivated. Product is 0.22um filtered.
Clonality Polyclonal
Isotype IgG

Target

Function Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.
Involvement in disease Hypobetalipoproteinemia, familial, 1
Familial ligand-defective apolipoprotein B-100
Defects in APOB associated with defects in other genes (polygenic) can contribute to hypocholesterolemia.
Sequence similarities Contains 1 vitellogenin domain.
Post-translational Palmitoylated; structural requirement for proper assembly of the hydrophobic core of the
modifications
lipoprotein particle.

Cellular localization
Cytoplasm. Secreted.

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