Product datasheet

Anti-Apolipoprotein B antibody ab31992

Overview

Product name  Anti-Apolipoprotein B antibody
Description  Rabbit polyclonal to Apolipoprotein B
Host species  Rabbit
Specificity  ab31992 recognizes Apolipoprotein B48 and B100, as these proteins are highly conserved.
Tested applications  Suitable for: WB, Immunodiffusion
Species reactivity  Reacts with: Mouse, Human
Immunogen  SDS PAGE purified mouse Apolipoprotein B48 (very low density lipoprotein) from pooled mouse plasma.

Properties

Form  Liquid
Storage buffer  Preservative: 0.05% Sodium azide
Constituent: 40% Glycerol
Purity  Whole antiserum
Purification notes  ab31992 is a heat inactivated neat serum.
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab31992 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Application notes
Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

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 modifications
Palmitoylated; structural requirement for proper assembly of the hydrophobic core of the lipoprotein particle.

Cellular localization
Cytoplasm. Secreted.

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