

Native Human Apolipoprotein B ab91112

1 Image

Description

Product name	Native Human Apolipoprotein B
Purity	> 95 % SDS-PAGE.
Expression system	Native
Protein length	Full length protein
Animal free	No
Nature	Native
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab91112** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized
Additional notes	Prepared from fresh, non-frozen plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

Preparation and Storage

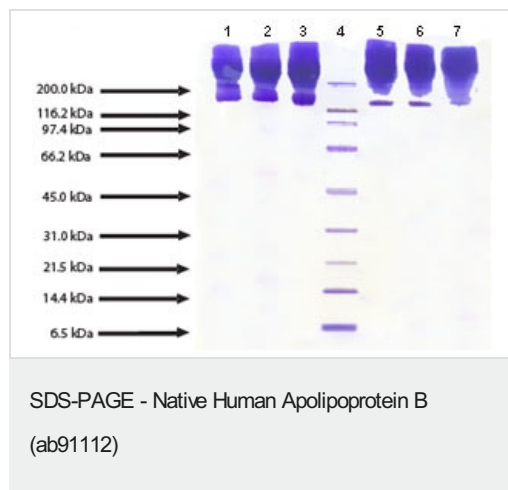
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 10.00 Constituents: 0.53% Sodium carbonate, 0.415% Sodium deoxycholate, 0.29% Sodium chloride
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General Info

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.
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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.

Images



SDS-PAGE: 4-12% Bis-Tris-HCl NuPAGE gel

Lane 1. 5 µg Apolipoprotein (reduced /heated)

Lane 2. 10 µg Apolipoprotein (reduced/ heated)

Lane 3. 20 µg Apolipoprotein (reduced/ heated)

Lane 4. Molecular weight markers

Lane 5. 5 µg Apolipoprotein (non-reduced/no heat)

Lane 6. 10 µg Apolipoprotein (non-reduced/no heat)

Lane 7. 20 µg Apolipoprotein (non-reduced/no heat)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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