Native Human Apolipoprotein B ab77859

Description

Product name: Native Human Apolipoprotein B
Biological activity: Cross-reacts with anti-LDL.
Expression system: Native
Protein length: Full length protein
Animal free: No
Nature: Native
Species: Human

Specifications

Our Abpromise guarantee covers the use of ab77859 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications: Western blot
Form: Liquid
Additional notes: Cross-reacts with anti-LDL.

Preparation and Storage

Stability and Storage: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
pH: 8.25
Constituents: 0.288% SDS, 2.42% Tris

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.

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.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors