

Product datasheet

Human Apolipoprotein A V peptide ab78151

製品の概要

製品名 Human Apolipoprotein A V peptide

製品の詳細

由来 Synthetic

アミノ酸配列

生物種 Human

配列 NPSLLERHCAYL

領域 387 to 398

特性

Our [Abpromise guarantee](#) covers the use of **ab78151** in the following tested applications.

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

アプリケーション Blocking - Blocking peptide for Anti-Apolipoprotein A V antibody ([ab77358](#))

製品の状態 Liquid

前処理および保存

保存方法および安定性 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

関連情報

機能 Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and a inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate) (By similarity). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages.

組織特異性 Liver and plasma.

関連疾患 Defects in APOA5 are a cause of susceptibility to familial hypertriglyceridemia (FHTR)

[MIM:145750].mFamilial hypertriglyceridemia is a common inherited disorder in which the concentration of very low density lipoprotein (VLDL) is elevated in the plasma. This leads to increased risk of heart disease, obesity, and pancreatitis.

Defects in APOA5 are a cause of hyperlipoproteinemia type 5 (HLPP5) [MIM:144650]. HLPP5 is characterized by increased amounts of chylomicrons and very low density lipoprotein (VLDL) and decreased low density lipoprotein (LDL) and high density lipoprotein (HDL) in the plasma after a fast. Numerous conditions cause this phenotype, including insulin-dependent diabetes mellitus, contraceptive steroids, alcohol abuse, and glycogen storage disease type 1A (GSD1A) [MIM:232200].

配列類似性

Belongs to the apolipoprotein A1/A4/E family.

翻訳後修飾

Phosphorylation sites are present in the extracellular medium.

細胞内局在

Secreted.

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