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Anti-Apolipoprotein C-III Reference Antibody (STT-5058)

Catalog # APR11491

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P02656
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	10852

Additional Information

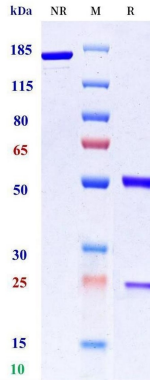
Target/Specificity	Apolipoprotein C-III
Expression system	CHO

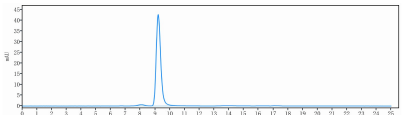
Protein Information

Name	APOC3
Function	Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma (PubMed:18201179, PubMed:22510806). Plays a multifaceted role in triglyceride homeostasis (PubMed:18201179, PubMed:22510806). Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assembly and secretion; extracellularly, attenuates hydrolysis and clearance of triglyceride- rich lipoproteins (TRLs) (PubMed:18201179, PubMed:22510806). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors (PubMed:18201179, PubMed:22510806). Formed of several curved helices connected via semiflexible hinges, so that it can wrap tightly around the curved micelle surface and easily adapt to the different diameters of its natural binding partners (PubMed:18408013).
Cellular Location	Secreted
Tissue Location	Liver..

Images

Anti-Apolipoprotein C-III Reference Antibody (STT-5058) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.





The purity of Anti-Apolipoprotein C-III Reference Antibody (STT-5058) is 99.33%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.