

产品名称: ApoC-III Rabbit Polyclonal Antibody
产品货号: APRab07032



产品概述 (Summary)

产品名称 (Production Name)	ApoC-III Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	APOC3
别名 (Alternative Names)	APOC3; Apolipoprotein C-III; Apo-CIII; ApoC-III; Apolipoprotein C3
基因 ID (Gene ID)	345.0
蛋白 ID (SwissProt ID)	P02656.The antiserum was produced against synthesized peptide derived from the C-terminal region of human APOC3. AA range:46-95

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	11kDa

研究背景 (Background)

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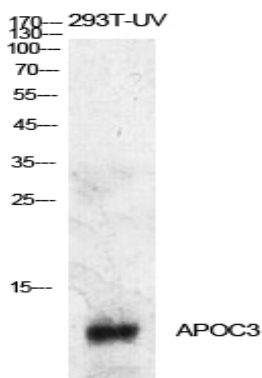


Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcribed. An increase in apoC-III levels induces the development of hypertriglyceridemia. [provided by RefSeq, Jul 2008],disease:Defects in APOC3 may be a cause of hyperalphalipoproteinemia [MIM:143470]. Affected individuals show high levels of alpha-lipoprotein (high density lipoprotein/HDL),,function:Inhibits lipoprotein lipase and hepatic lipase and decreases the uptake of lymph chylomicrons by hepatic cells. This suggests that it delays the catabolism of triglyceride-rich particles.,PTM:O-linked glycan consists of Gal-GalNAc disaccharide, further modified with up to 3 sialic acid residues.,similarity:Belongs to the apolipoprotein C3 family.,tissue specificity:Constitutes 50% of the protein fraction of VLDL and 2% of that of HDL. Synthesized predominantly in liver and to a lesser degree in intestine.,

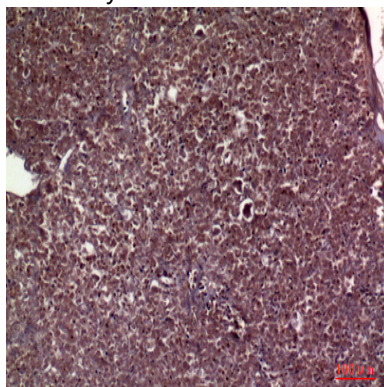
研究领域 (Research Area)

PPAR;

图片 (Image Data)



Western Blot analysis of 293T-UV cells using ApoC-III Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100

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注意事项 (Note)

For research use only .