Anti-APOC3 Antibody

Description	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.

Model	STJ116430
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-99 of human APOC3 (NP_000031.1).
Gene ID	345
Gene Symbol	APOC3
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Liver
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Apolipoprotein C-III Apo-CIII ApoC-III Apolipoprotein C3
Molecular Weight	10.852 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:610OMIM:107720Reactome:R-HSA-8963888
Alternative Names	Apolipoprotein C-III Apo-CIII ApoC-III Apolipoprotein C3
Function	Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma ,
Cellular Localization	Secreted
Post-translational Modifications	The most abundant glycoforms are characterized by an O-linked disaccharide galactose linked to N-acetylgalactosamine (Gal-GalNAc), further modified with up to 3 sialic acid residues, Less abundant glycoforms are characterized by more complex and fucosylated glycan moieties, O-glycosylated on Thr-94 with a core 1 or possibly core 8 glycan,