

Anti-Human APOC3 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06486

3th Edition

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. APOC3 (Apolipoprotein C3) is a Protein Coding gene. Diseases associated with APOC3 include Apolipoprotein C-III Deficiency and Hyperalphalipoproteinemia. Among its related pathways are Metabolism of fat-soluble vitamins and Statin Pathway. GO annotations related to this gene include lipid binding and cholesterol binding.

Antigen: Synthesized peptide derived from the C-terminal region of human ApoC-III.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

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.