



Anti-APOC3 (native protein) polyclonal antibody (CPBT-26420GH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Goat Polyclonal antibody to Human APOC3.
Antigen 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.
Immunogen	Full length native apoLipoprotein Type C-III (purified).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human, Syrian Hamster
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ELISA, IHC-P, WB, IP
Cellular Localization	Secreted
Format	Liquid
Size	200 µg
Buffer	Preservative: 0.01% Sodium Azide Constituents: 0.125M Sodium Borate, 0.005M EDTA, 0.075mM Sodium Chloride. pH 8

Preservative	0.01% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	APOC3 apolipoprotein C-III [Homo sapiens]
Official Symbol	APOC3
Synonyms	APOC3; apolipoprotein C-III; APO C3; Apo CIII; APoC 3; ApoC III; APOC3; ApoCIII; Apolipoprotein C III; ApolipoproteinCIII; MGC150353; apo-CIII; apoC-III; apolipoprotein C3; HALP2; APOCIII;
Entrez Gene ID	345
Protein Refseq	NP_000031
UniProt ID	A3KPE2
Chromosome Location	11q23-qter
Pathway	Chylomicron-mediated lipid transport, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; Statin Pathway, organism-specific biosystem;
Function	cholesterol binding; enzyme regulator activity; high-density lipoprotein particle receptor binding; lipase inhibitor activity; phospholipid binding;