

## Product datasheet for **AP31597PU-N**

### Apolipoprotein CIII (APOC3) (N-term) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/2500 - 1/20000. <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot:</b> 1/2500 - 1/20000.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	APOC3 Recombinant protein from the N-terminus
Specificity:	Apo CIII recombinant protein at N-terminus.
Formulation:	75mM PBS, pH 7.2 containing 75 mM Sodium Chloride and 0.02% Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid freeze-thaw cycles.
Stability:	Shelf life: one year from despatch
Gene Name:	apolipoprotein C3
Database Link:	<a href="#">Entrez Gene 345 Human P02656</a>



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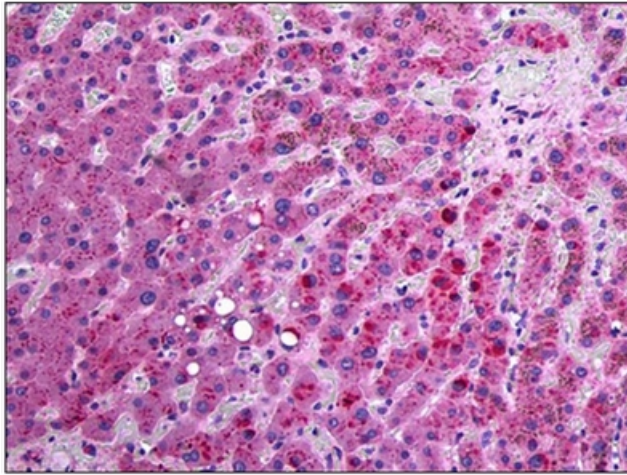
**Background:** Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and 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.

**Synonyms:** Apolipoprotein C-III, Apolipoprotein C3, Apo-CIII, ApoC-III

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** PPAR signaling pathway

**Product images:**



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)