

## Product datasheet for **TA357157**

### Apolipoprotein CII (APOC2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human APOC2
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Horse, Human, Mouse, Pig, Rat <b>Homology:</b> Cow: 86%; Dog: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 86%; Rat: 86%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	11kDa
Gene Name:	apolipoprotein C2
Database Link:	<a href="#">NP_000474</a> <a href="#">Entrez Gene 344 Human P02655</a>



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**Background:**

This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in this gene cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. This gene is present in a cluster with other related apolipoprotein genes on chromosome 19. Naturally occurring read-through transcription exists between this gene and the neighboring upstream apolipoprotein C-IV (APOC4) gene.

**Synonyms:**

APC2; Apo-CII; ApoC-II; MGC75082

**Product images:**

Host: Rabbit  
Target Name: APOC2  
Sample Tissue: HT1080 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: APOC2  
Sample Type: HT1080 Whole Cell lysates  
Antibody Dilution: 1.0ug/ml