

# **Product datasheet for TA357157**

### OriGene Technologies, Inc.

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## **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: Expected reactivity**: Cow, Dog, Horse, Human, Mouse, Pig, Rat

**Homology**: 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.

Note that this product is shipped as lyophilized powder to China customers.

**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: NP 000474

Entrez Gene 344 Human

P02655

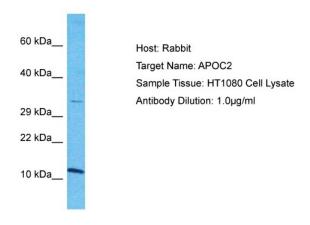


#### Background:

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 Type: HT1080 Whole Cell lysates

Antibody Dilution: 1.0ug/ml