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**Product Information**

<b>Product SKU:</b>	CAB1772	<b>Gene ID:</b>	344	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Rat

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**Additional Information**

<b>Observed MW:</b>	11kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	11kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**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.

**Recommended Dilution:** WB,1:100 - 1:500

**Synonyms:** APO-CII; APOC-II; APOC2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-101 of human APOC2 (NP\_000474.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.