

## APOC2 antibody

Catalog No: #38294

Package Size: #38294-1 50ul #38294-2 100ul

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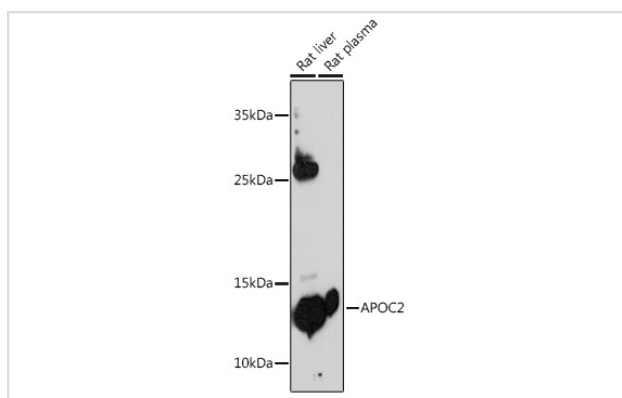
## Description

|                       |   |
|-----------------------|---|
| Product Name          | APOC2 antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Isotype               | IgG   |
| Purification          | Affinity purification   |
| Applications          | WB  |
| Species Reactivity    | Human,Rat   |
| Specificity           | The antibody detects endogenous level of total APOC2 protein. |
| Immunogen Type        | Recombinant Protein   |
| Immunogen Description | Recombinant fusion protein of human APOC2 (NP_000474.2).      |
| Target Name           | APOC2   |
| Other Names           | APOC2;APO-CII;APOC-II   |
| Accession No.         | Uniprot:P02655GenelD:344                                      |
| Uniprot               | P02655  |
| GenelD                | 344   |
| SDS-PAGE MW           | 11KDa   |
| Concentration         | 1.0mg/ml  |
| Formulation           | PBS with 0.02% sodium azide,50% glycerol,pH7.3.               |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.                   |

## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using APOC2 antibody.

## Background

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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.

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Note: This product is for in vitro research use only