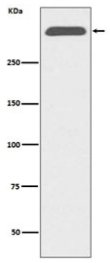
# Apolipoprotein B Antibody AOIH-1 / APOB [clone AOIH-1] (RQ5037)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ5037 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-2 weeks |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Rabbit Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Name** | AOIH-1 |
| **Purity** | Affinity purified |
| **UniProt** | P04114 |
| **Applications** | Western blot: 1:500-1:2000 |
| **Limitations** | This Apolipoprotein B Antibody AOIH-1 is available for research use only. |




Apolipoprotein B Antibody AOIH-1 WB. Western blot testing of human serum lysate with Apolipoprotein B antibody. Predicted molecular weight ~516 kDa.

## Description

Apolipoprotein B Antibody AOIH-1 specifically detects APOB protein. The APOB gene product is the main apolipoprotein of chylomicrons and low density lipoproteins. It occurs in plasma as two main isoforms, apoB-48 (~240 kDa) and apoB-100 (~516 kDa): the former is synthesized exclusively in the gut and the latter in the liver. The intestinal and the hepatic forms of apoB are encoded by a single gene from a single, very long mRNA. The two isoforms share a common N-terminal sequence. The shorter apoB-48 protein is produced after RNA editing of the apoB-100 transcript at residue 2180 (CAA->UAA), resulting in the creation of a stop codon, and early translation termination. [RefSeq]

For an alternative Protein Microarray Validated monoclonal clone with additional tissue validation, see our APOB Antibody APOB/3300 / Lipoprotein B Antibody page.

## Application Notes

Optimal dilution of the Apolipoprotein B Antibody AOIH-1 should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Apolipoprotein B / APOB was used as the immunogen for the Apolipoprotein B Antibody AOIH-1.

## Storage

Store the Apolipoprotein B Antibody AOIH-1 at -20oC.


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