

**Anti-APOC3 Rabbit Monoclonal Antibody**  
Catalog # ABO15171**Specification****Anti-APOC3 Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC                |
| Primary Accession | <a href="#">P02656</a> |
| Host              | Rabbit                 |
| Isotype           | IgG                    |
| Reactivity        | Human                  |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-APOC3 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

**Anti-APOC3 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 345

**Other Names**

Apolipoprotein C-III, Apo-CIII, ApoC-III, Apolipoprotein C3, APOC3

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human APOC3

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-APOC3 Rabbit Monoclonal Antibody - Protein Information**

**Name** APOC3

**Function**

Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma (PubMed:<a href="http://www.uniprot.org/citations/18201179">

target="\_blank">18201179</a>, PubMed:<a href="http://www.uniprot.org/citations/22510806" target="\_blank">22510806</a>). Plays a multifaceted role in triglyceride homeostasis (PubMed:<a href="http://www.uniprot.org/citations/18201179" target="\_blank">18201179</a>, PubMed:<a href="http://www.uniprot.org/citations/22510806" target="\_blank">22510806</a>). Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assembly and secretion; extracellularly, attenuates hydrolysis and clearance of triglyceride- rich lipoproteins (TRLs) (PubMed:<a href="http://www.uniprot.org/citations/18201179" target="\_blank">18201179</a>, PubMed:<a href="http://www.uniprot.org/citations/22510806" target="\_blank">22510806</a>). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors (PubMed:<a href="http://www.uniprot.org/citations/18201179" target="\_blank">18201179</a>, PubMed:<a href="http://www.uniprot.org/citations/22510806" target="\_blank">22510806</a>). Formed of several curved helices connected via semiflexible hinges, so that it can wrap tightly around the curved micelle surface and easily adapt to the different diameters of its natural binding partners (PubMed:<a href="http://www.uniprot.org/citations/18408013" target="\_blank">18408013</a>).

### Cellular Location

Secreted

### Tissue Location

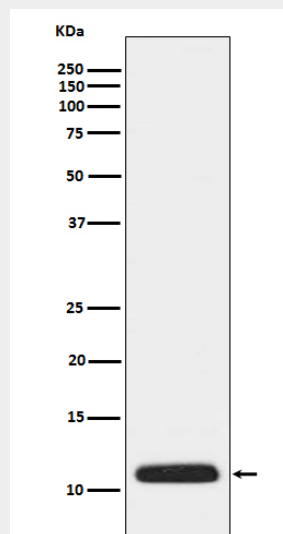
Liver..

## Anti-APOC3 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-APOC3 Rabbit Monoclonal Antibody - Images



Western blot analysis of APOC3 expression in human plasma lysate.