# Apolipoprotein D (APOD) Antibody – Guinea Pig Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | Apolipoprotein D (APOD), Polyclonal Antibody |
| **Full Product Name** | PE Linked Polyclonal Antibody to Apolipoprotein D (APOD) |
| **Product Gene Name** | anti-APOD antibody |
| **Product Synonym Names** | APOD/Apolipoprotein D; ApoD |
| **Clonality** | Polyclonal |
| **Host** | Guinea pig |
| **Species Reactivity** | Rabbit |
| **Form/Format** | Liquid; PBS, pH7.4, containing 0.02% NaN3, 50% glycerol. |
| **Purity/Purification** | Affinity Chromatography |
| **Concentration** | >=0.1mg/mL (Please refer to the vial label for the specific concentration.) (lot specific) |
| **Specificity** | The antibody is a cavia polyclonal antibody raised against APOD. It has been selected for its ability to recognize APOD in immunohistochemical staining and western blotting. |
| **Preparation and Storage** | Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Matching Pairs** | Unconjugated Antibody: APOD (MBS2139629)<br>PE Conjugated Antibody: APOD (MBS2134357) |
| **Molecular Weight** | 21,478 Da |
| **3D Structure** | ModBase 3D Structure for P37153 |
| **Supply Chain Verification** | Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire. |
| **Conjugation** | PE |
| **Product Categories/Family for anti-APOD antibody** | Metabolic pathway; Endocrinology; Cardiovascular biology; Hepatology; Nutrition metabolism; Primary, PE labeled |
| **ISO Certification** | Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory. |
| **Applications Tested/Suitable for anti-APOD antibody** | Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |
| **Application Notes for anti-APOD antibody** | WB: 0.22ug/mL; 1:2502500<br>IHC: 520ug/mL; 1:25100<br>ICC: 520ug/mL; 1:25100 |
| **Related Product Information for anti-APOD antibody** | MBS2134357 is an antibody targeting APOD. Also known as PE Linked Polyclonal Antibody to Apolipoprotein D (APOD). Reactive in Rabbit. Host: Guinea pig. |
| **Other Notes** | Small volumes of anti-APOD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APOD. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 126722663 |
| **NCBI GeneID** | 100009080 |
| **NCBI Accession #** | NP_001075727.1 |
| **UniProt Primary Accession #** | P37153 |
| **UniProt Related Accession #** | P37153 |
| **GenBank Nucleotide #** | NM_001082258.2 |
| **NCBI Official Full Name** | apolipoprotein D |
| **NCBI Official Symbol** | APOD |
| **UniProt Protein Name** | Apolipoprotein D |
| **Protein Family** | Apolipoprotein |
| **UniProt Gene Name** | APOD |
| **UniProt Synonym Gene Names** | Apo-D; ApoD |
| **UniProt Entry Name** | APOD_RABIT |
| **NCBI Protein Information** | apolipoprotein D; apo-D |
| **UniProt Comments for APOD** | **Function:** APOD occurs in the macromolecular complex with lecithin-transport and binding of bilin. Appears to be able to transport a variety of ligands in a number of different contexts. |
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