# APOL3 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | APOL3, Polyclonal Antibody |
| **Full Product Name** | APOL3 Polyclonal Antibody |
| **Product Gene Name** | anti-APOL3 antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | PBS with 0.02% sodium azide, 50% glycerol, pH 7.3. |
| **Purity/Purification** | Affinity Purification |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |
| **Molecular Weight** | 21kDa; 36kDa; 44kDa |
| **OMIM** | 607253 |
| **3D Structure** | ModBase 3D Structure for O95236 |
| **Immunogen** | Recombinant protein of human APOL3 (NP_663614.1). |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-APOL3 antibody** | Western Blot (WB) |
| **Application Notes for anti-APOL3 antibody** | WB: 1:500-1:2000 |
| **Related Product Information for anti-APOL3 antibody** | This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 22. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles. In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants. |
| **Other Notes** | Small volumes of anti-APOL3 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. |
| **Searchable Terms for APOL3 purchase** | MBS8568547 is an antibody targeting APOL3. Also known as APOL3 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APOL3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 22035646 |
| **NCBI GeneID** | 80833 |
| **NCBI Accession #** | NP_663615.1 |
| **UniProt Primary Accession #** | O95236 |

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| **UniProt Related Accession #** | O95236 |
| **GenBank Nucleotide #** | NP_663615.1 |
| **NCBI Official Full Name** | apolipoprotein L3 isoform 1 |
| **NCBI Official Synonym Full Names** | apolipoprotein L3 |
| **NCBI Official Symbol** | APOL3 |
| **NCBI Official Synonym Symbols** | CG121; CG12_1; APOLIII; apoL-III |
| **UniProt Protein Name** | Apolipoprotein L3 |
| **UniProt Synonym Protein Names** | Apolipoprotein L-III; ApoL-III; TNF-inducible protein CG12-1 |
| **Protein Family** | Apolipoprotein |
| **UniProt Gene Name** | APOL3 |
| **UniProt Entry Name** | APOL3_HUMAN |
| **NCBI Protein Information** | apolipoprotein L3 |
| **Research Articles on APOL3** | **1.** A null variant in the apolipoprotein L3 gene is associated with non-diabetic nephropathy. |
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