

## Rabbit anti-Human APOOL Polyclonal Antibody | anti-APOOL antibody

APOOL Antibody (C-term)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA289760</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

APOOL; Polyclonal Antibody; APOOL Antibody (C-term); MICOS complex subunit MIC27; Apolipoprotein O-like; Protein FAM121A; CXorf33; FAM121A; MIC27; anti-APOOL antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This APOOL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 172-200 amino acids from the C-terminal region of human APOOL.       |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 172-200                                                                                                                                                                      |
| Sequence Length                                 | 268                                                                                                                                                                          |
| Applicable Applications for anti-APOOL antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

### IMAGES



#### IHC (Immunohistochemistry)

APOOL Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of APOOL Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



#### WB (Western Blot)

APOOL Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the APOOL antibody detected the APOOL protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-APOOL antibody | Belongs to the apolipoprotein O family.                                                                                                                      |
| Product Categories/Family for anti-APOOL antibody   | Cardiovascular                                                                                                                                               |
| References                                          | Olsen, J.V., et al. Cell 127(3):635-648(2006)<br>Ross, M.T., et al. Nature 434(7031):325-337(2005)<br>Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) |

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 116812610                        |
| NCBI GeneID                      | 139322                           |
| NCBI Accession #                 | NP_940852.3                      |
| NCBI GenBank Nucleotide #        | NM_198450.5                      |
| UniProt Accession #              | Q6UXV4; Q3KNU7; Q5H9D1           |
| Molecular Weight                 | 29159                            |
| NCBI Official Full Name          | MICOS complex subunit MIC27      |
| NCBI Official Synonym Full Names | apolipoprotein O-like            |
| NCBI Official Symbol             | APOOL                            |
| NCBI Official Synonym Symbols    | Mic27; CXorf33; FAM121A; UNQ8193 |
| NCBI Protein Information         | MICOS complex subunit MIC27      |
| UniProt Protein Name             | MICOS complex subunit MIC27      |
| UniProt Gene Name                | <b>APOOL</b>                     |
| UniProt Synonym Gene Names       | CXorf33; FAM121A; MIC27          |
| UniProt Entry Name               | MIC27_HUMAN                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apool-antibody-immunohistochemistry-western-blot-elisa/289760>