

APOOL Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14187b**Specification**

APOOL Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q6UXV4](#)**APOOL Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 139322**Other Names**

MICOS complex subunit MIC27, Apolipoprotein O-like, Protein FAM121A, APOOL, CXorf33, FAM121A, MIC27

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

APOOL Antibody (C-term) Blocking Peptide - Protein Information**Name** APOOL**Synonyms** CXorf33, FAM121A, MIC27**Function**

Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Specifically binds to cardiolipin (in vitro) but not to the precursor lipid phosphatidylglycerol. Plays a crucial role in crista junction formation and mitochondrial function (PubMed:23704930), (PubMed:25764979).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein. Mitochondrion

APOOL Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

APOOL Antibody (C-term) Blocking Peptide - Images

APOOL Antibody (C-term) Blocking Peptide - Background

Belongs to the apolipoprotein O family.

APOOL Antibody (C-term) Blocking Peptide - References

Olsen, J.V., et al. Cell 127(3):635-648(2006) Ross, M.T., et al. Nature
434(7031):325-337(2005) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)