

ApoOL Polyclonal Antibody
Catalog # AP68465**Specification**

ApoOL Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q6UXV4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

ApoOL Polyclonal Antibody - Additional Information**Gene ID** 139322**Other Names**

APOOL; CXorf33; FAM121A; Apolipoprotein O-like; Protein FAM121A

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ApoOL Polyclonal Antibody - 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

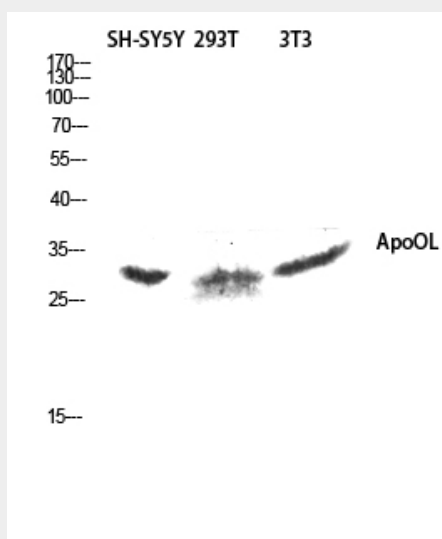
Mitochondrion inner membrane; Multi-pass membrane protein. Mitochondrion

ApoOL Polyclonal Antibody - Protocols

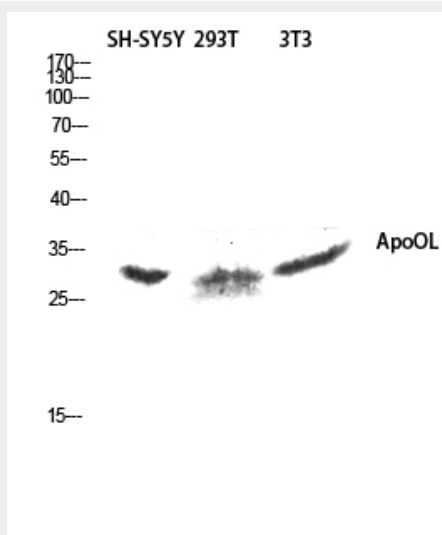
Provided below are standard protocols that you may find useful for product applications.

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

ApoOL Polyclonal Antibody - Images



Western blot analysis of SH-SY5Y 293T 3T3 lysis using ApoOL antibody. Antibody was diluted at 1:1000



Western blot analysis of SH-SY5Y 293T 3T3 lysis using ApoOL antibody. Antibody was diluted at 1:1000

ApoOL Polyclonal Antibody - Background

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).