

APOL1 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1256a

Specification

APOL1 Antibody - Product Information

Application	WB
Primary Accession	O14791
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	44kDa KDa

Description

APOL1(apolipoprotein L, 1), also known as APOL, APO-L, APOL-I. Entrez Protein NP_001130012. It is a 395aa secreted high density lipoprotein which binds to apolipoprotein A-I. And is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. The apolipoprotein L gene family encodes six highly homologous proteins designated apoL-I to -VI. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene.

Immunogen

Purified recombinant fragment of APOL1 expressed in E. Coli.

Formulation

Ascitic fluid containing 0.03% sodium azide.

APOL1 Antibody - Additional Information

Gene ID 8542

Other Names

Apolipoprotein L1, Apolipoprotein L, Apo-L, ApoL, Apolipoprotein L-I, ApoL-I, APOL1, APOL

Dilution

WB~~1/500 - 1/2000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

APOL1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

APOL1 Antibody - Protein Information

Name APOL1

Synonyms APOL

Function

May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver.

Cellular Location

Secreted.

Tissue Location

Plasma. Found on APOA-I-containing high density lipoprotein (HDL3). Expressed in pancreas, lung, prostate, liver, placenta and spleen

APOL1 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](#)

APOL1 Antibody - Images

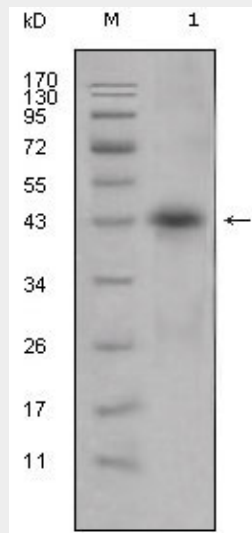


Figure 1: Western blot analysis using APOL1 mouse mAb against human plasma (1).

APOL1 Antibody - References

1. Proc Natl Acad Sci U S A. 2007 Mar 6;104(10):4118-23.
2. J Lipid Res. 2005 Mar;46(3):469-74.