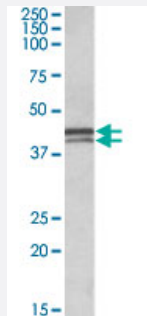


APOL1 polyclonal antibody

Catalog # PAB19475 Size 100 ug

Applications



Western Blot (Tissue lysate)

APOL1 polyclonal antibody (Cat # PAB19475)(0.1 ug/mL) staining of human placenta (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of APOL1.
Immunogen	A synthetic peptide corresponding to internal region of human APOL1.
Sequence	C-PHASASRPRVTEP
Host	Goat
Theoretical MW (kDa)	45.9, 42.2
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation
Recommend Usage	ELISA (1:1600) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

APOL1 polyclonal antibody (Cat # PAB19475)(0.1 ug/mL) staining of human placenta (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — APOL1

Entrez GeneID[8542](#)**Protein Accession#**[NP_003652.2;NP_663318.1;NP_001130013.1](#)**Gene Name**

APOL1

Gene Alias

APO-L, APOL, APOL-I

Gene Description

apolipoprotein L, 1

Omim ID[181500 603743](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. 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. [provided by RefSeq]

Other Designations

OTTHUMP00000028705|apolipoprotein L-II|apolipoprotein L1

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulosclerosis](#)
- [Hypercholesterolemia](#)
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