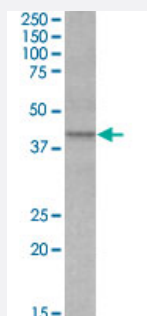


APOL1 polyclonal antibody

Catalog # PAB11435 Size 100 ug

Applications



Western Blot (Tissue lysate)

APOL1 polyclonal antibody (Cat # PAB11435) (0.1 ug/mL) staining of human placenta lysate (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 C-terminus of human APOL1.
Sequence	C-NNNYKILQADQE
Host	Goat
Theoretical MW (kDa)	44, 45.9
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_003652.2; NP_663318.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) 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 # PAB11435) (0.1 ug/mL) staining of human placenta lysate (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
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- apolipoprotein L 1

Publication Reference

- [Apolipoprotein L-I promotes trypanosome lysis by forming pores in lysosomal membranes.](#)

Perez-Morga D, Vanhollebeke B, Paturiaux-Hanocq F, Nolan DP, Lins L, Homble F, Vanhamme L, Tebabi P, Pays A, Poelvoorde P, Jacquet A, Brasseur R, Pays E.

Science 2005 Jul; 309(5733):469.

Application: IF, Bacteria, Trypanosome

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