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Anti-APOL1 Rabbit Monoclonal Antibody

Catalog # ABO15363

Product Information

Application	WB, IF, ICC, IP, FC
Primary Accession	O14791
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-APOL1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

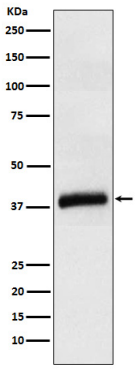
Gene ID	8542
Other Names	Apolipoprotein L1, Apolipoprotein L, Apo-L, ApoL, Apolipoprotein L-I, ApoL-I, APOL1, APOL
Calculated MW	43974
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 19A39
Immunogen	A synthesized peptide derived from human APOL1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	APOL1 {ECO:0000303|PubMed:19997494}
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. A component of trypanosome lytic factor of human serum; plays a crucial role in killing Trypanosoma brucei by forming pores in parasite lysosomal membranes and sensitizing T.brucei to oxidation-stimulated osmotic lysis (PubMed:12621437, PubMed:16020735, PubMed:19997494, PubMed:26645690, PubMed:7723792).
Cellular Location	Secreted. Note=Internalized through the endocytic pathway into the lysosomes of Trypanosoma brucei
Tissue Location	Plasma. Found on APOA-I-containing high density lipoprotein (HDL3). Expressed in pancreas, lung, prostate, liver, placenta and spleen

Images



Western blot analysis of APOL1 expression in Human plasma cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.