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ApoL1 Polyclonal Antibody

Catalog # AP68460

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	O14791
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43974

Additional Information

Gene ID	8542
Other Names	APOL1; APOL; Apolipoprotein L1; Apolipoprotein L; Apo-L; ApoL; Apolipoprotein L-I; ApoL-I
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

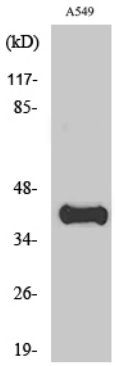
Protein Information

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

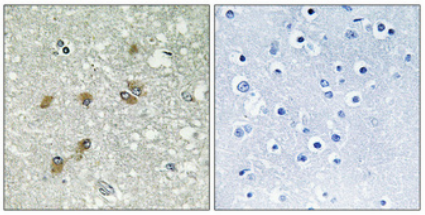
Background

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

Images



Western Blot analysis of various cells using ApoL1 Polyclonal Antibody diluted at 1：1000



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

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