

# ApoL1 Rabbit mAb

Catalog # AP78018

## Product Information

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<b>Application</b>	WB, IF, FC, ICC, IP
<b>Primary Accession</b>	<a href="#">O14791</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human APOL1
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	43974

## Additional Information

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<b>Gene ID</b>	8542
<b>Other Names</b>	APOL1
<b>Dilution</b>	WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

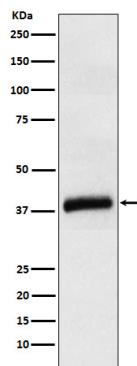
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<b>Name</b>	APOL1 {ECO:0000303   PubMed:19997494}
<b>Synonyms</b>	APOL
<b>Function</b>	May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver. A component of trypanosome lytic factor of human serum; plays a crucial role in killing <i>Trypanosoma brucei</i> by forming pores in parasite lysosomal membranes and sensitizing <i>T. brucei</i> to oxidation-stimulated osmotic lysis (PubMed: <a href="#">12621437</a> , PubMed: <a href="#">16020735</a> , PubMed: <a href="#">19997494</a> , PubMed: <a href="#">26645690</a> , PubMed: <a href="#">7723792</a> ).
<b>Cellular Location</b>	Secreted. Note=Internalized through the endocytic pathway into the lysosomes of <i>Trypanosoma brucei</i>
<b>Tissue Location</b>	Plasma. Found on APOA-I-containing high density lipoprotein (HDL3).

Expressed in pancreas, lung, prostate, liver, placenta and spleen

## Images

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