

Rabbit anti-Human APOL1 Polyclonal Antibody | anti-APOL1 antibody

APOL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324462	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

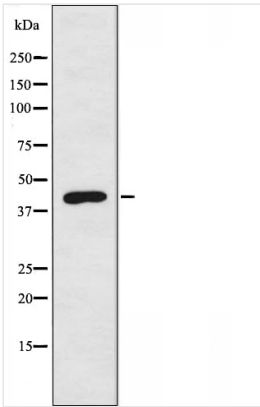
PRODUCT SYNONYMS

APOL1; Polyclonal Antibody; APOL1 Antibody; APO L; Apo-L; ApoL; APOL I; ApoL-I; APOL1_HUMAN; APOLI; Apolipoprotein L; Apolipoprotein L I; Apolipoprotein L-I; Apolipoprotein L1; FSGS4; anti-APOL1 antibody

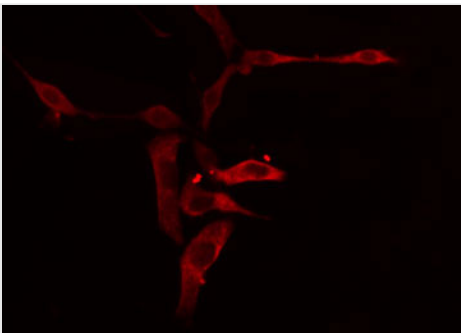
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	APOL1 antibody detects endogenous levels of total APOL1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	398
Applicable Applications for anti-APOL1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Tissue Specificity	Plasma. Found on APOA-I-containing high density lipoprotein (HDL3). Expressed in pancreas, lung, prostate, liver, placenta and spleen.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from A549 cells, using APOL1 antibody.



IF (Immunofluorescence)
AAA324462 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-APOL1 antibody	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. Subunit Structure: In plasma, interacts with APOA1 and mainly associated with large high density lipoprotein particles. Post-translational Modifications: Phosphorylated by FAM20C in the extracellular medium. Similarity: Belongs to the apolipoprotein L family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	211938440
NCBI GeneID	8542
NCBI Accession #	NP_001130012.1
NCBI GenBank Nucleotide #	NM_001136540.1
UniProt Accession #	O14791; O60804; Q5R3P7; Q5R3P8; Q96AB8; Q96PM4; Q9BQ03; A5PLQ4; B4DU12; E9PF24
Molecular Weight	Observed: 44 kD Predicted: 44 kDa
NCBI Official Full Name	apolipoprotein L1 isoform a
NCBI Official Synonym Full Names	apolipoprotein L1
NCBI Official Symbol	APOL1
NCBI Official Synonym Symbols	APOL; APO-L; FSGS4; APOL-I
NCBI Protein Information	apolipoprotein L1
UniProt Protein Name	Apolipoprotein L1
UniProt Gene Name	APOL1
UniProt Synonym Gene Names	APOL; Apo-L; ApoL; ApoL-I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.