

Rabbit anti-Human, Rat APOL2 Polyclonal Antibody | anti-APOL2 antibody

APOL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324463	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

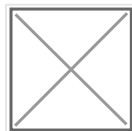
PRODUCT SYNONYMS

APOL2; Polyclonal Antibody; APOL2 Antibody; 9830006J20Rik; ApoL-II; APOL2_HUMAN; APOL3; ApoL8; ApoLII; Apolipoprotein L; 2; Apolipoprotein L-II; Apolipoprotein L2; Apolipoprotein LII; ApolipoproteinL2; anti-APOL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	APOL2 antibody detects endogenous levels of total APOL2
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	337
Applicable Applications for anti-APOL2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Widely expressed; the highest levels are found in lung, thymus, pancreas, placenta, adult brain and prostate; also detected in spleen, liver, kidney, colon, small intestine, uterus, spinal cord, adrenal gland, salivary gland, trachea, mammary gland, skeletal muscle, testis and fetal brain and liver.
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 COLO cells using APOL2 antibody.



IHC (Immunohistochemistry)

AAA324463 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324463 staining HuvEc 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-APOL2 antibody	Function: May affect the movement of lipids in the cytoplasm or allow the binding of lipids to organelles. Similarity: Belongs to the apolipoprotein L family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	731184188
NCBI GeneID	23780
NCBI Accession #	NP_112092.2
NCBI GenBank Nucleotide #	NM_030882.3
UniProt Accession #	Q9BQE5; Q95915; Q59GW9; Q5TH96; Q969T6; Q9BT28; Q9UGT1; Q9UH10; B0QYK7
Molecular Weight	Observed: 37 kD Predicted: 38 kDa
NCBI Official Full Name	apolipoprotein L2
NCBI Official Synonym Full Names	apolipoprotein L2
NCBI Official Symbol	APOL2
NCBI Official Synonym Symbols	APOL3; APOL-II
NCBI Protein Information	apolipoprotein L2
UniProt Protein Name	Apolipoprotein L2
UniProt Gene Name	APOL2
UniProt Synonym Gene Names	ApoL-II

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apol2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324463>