

Rabbit Apolipoprotein L2 Polyclonal Antibody | anti-APOL2 antibody

Rabbit anti-Apolipoprotein L2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222555	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

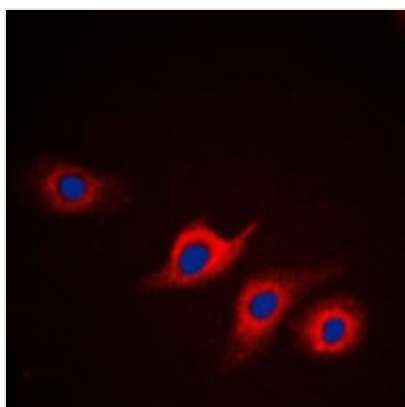
PRODUCT SYNONYMS

Apolipoprotein L2; Polyclonal Antibody; Rabbit anti-Apolipoprotein L2 Antibody; Apolipoprotein L-II; ApoL-II; anti-APOL2 antibody

PRODUCT SPECIFICATIONS

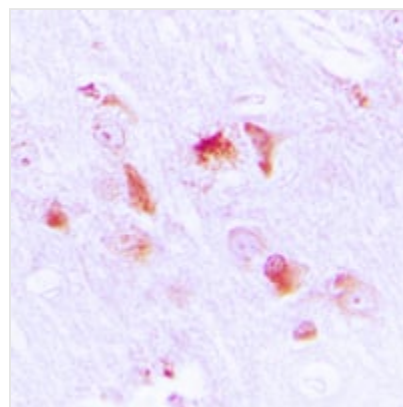
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-APOL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Apolipoprotein L2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



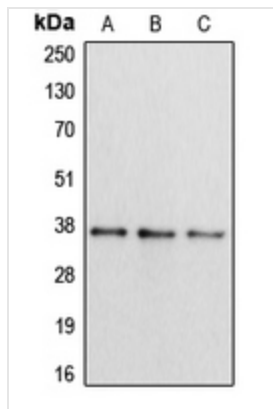
IF (Immunofluorescence)

Immunofluorescent analysis of Apolipoprotein L2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Apolipoprotein L2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of Apolipoprotein L2 expression in HepG2 (A), mouse liver (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-APOL2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13562090
NCBI GeneID	23780
NCBI Accession #	NP_112092.1
NCBI GenBank Nucleotide #	NM_030882.2
UniProt Accession #	Q9BQE5; Q95915; Q59GW9; Q5TH96; Q969T6; Q9BT28; Q9UGT1; Q9UH10; B0QYK7
Molecular Weight	37,092 Da
NCBI Official Full Name	apolipoprotein L2
NCBI Official Synonym Full Names	apolipoprotein L, 2
NCBI Official Symbol	APOL2
NCBI Official Synonym Symbols	APOL3; APOL-II
NCBI Protein Information	apolipoprotein L2; apolipoprotein L-II
UniProt Protein Name	Apolipoprotein L2
UniProt Gene Name	APOL2
UniProt Synonym Gene Names	ApoL-II
UniProt Entry Name	APOL2_HUMAN

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.