

Rabbit anti-Human APOL4 Polyclonal Antibody | anti-APOL4 antibody

APOL4 Antibody (Center E273)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285015	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

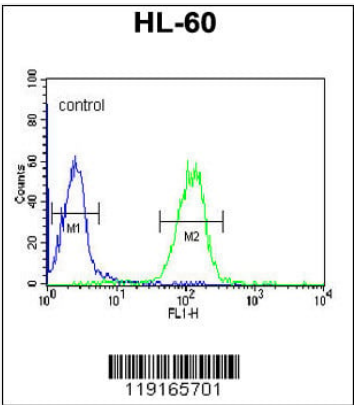
PRODUCT SYNONYMS

APOL4; Polyclonal Antibody; APOL4 Antibody (Center E273); Apolipoprotein L4; Apolipoprotein L-IV; ApoL-IV; anti-APOL4 antibody

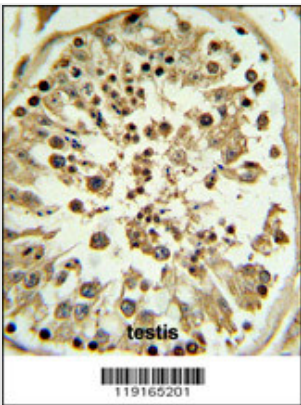
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APOL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 258-290 amino acids from the Central region of human APOL4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	258-290
Sequence Length	347
Applicable Applications for anti-APOL4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

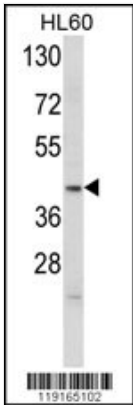
IMAGES



FCM/FACS (Flow Cytometry)
APOL4 Antibody (Center E273) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
APOL4 Antibody (Center E273) IHC analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the APOL4 Antibody (Center E273) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of APOL4 Antibody (Center E273) in HL60 cell line lysates (35ug/lane). APOL4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-APOL4 antibody	APOL4 is a member of the apolipoprotein L family and may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver.
Product Categories/Family for anti-APOL4 antibody	Cardiovascular; Metabolism
References	Takahashi,S., et.al., Schizophr. Res. 104 (1-3), 153-164 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923626
NCBI GeneID	80832
NCBI Accession #	NP_085146.2; NP_663693.1
NCBI GenBank Nucleotide #	NM_030643.4
UniProt Accession #	Q9BPW4; Q9BQ37; Q9BXQ8
Molecular Weight	39164
NCBI Official Full Name	apolipoprotein L4 isoform 1

NCBI Official Synonym Full Names	apolipoprotein L, 4
NCBI Official Symbol	APOL4
NCBI Official Synonym Symbols	APOLIV; APOL-IV
NCBI Protein Information	apolipoprotein L4
UniProt Protein Name	Apolipoprotein L4
UniProt Gene Name	APOL4
UniProt Synonym Gene Names	ApoL-IV
UniProt Entry Name	APOL4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apol4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285015>