

Rabbit anti-Human APOL6 Polyclonal Antibody | anti-APOL6 antibody

APOL6 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287034	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

APOL6; Polyclonal Antibody; APOL6 Antibody (Center); Apolipoprotein L6; Apolipoprotein L-VI; ApoL-VI; anti-APOL6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APOL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-155 amino acids from the Central region of human APOL6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	126-155
Sequence Length	343
Applicable Applications for anti-APOL6 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)

APOL6 Antibody (Center) flow cytometric analysis of K562 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)

APOL6 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the APOL6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

APOL6 Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the APOL6 antibody detected the APOL6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-APOL6 antibody	This gene is a member of the apolipoprotein L gene family. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids or allow the binding of lipids to organelles.
Product Categories/Family for anti-APOL6 antibody	Cardiovascular; Cell Biology; Metabolism
References	Smith, E.E., et al. Genome Res. 19(5):850-858(2009) Liu, Y.L., et al. Biol. Psychiatry 64(9):789-796(2008) Liu, Z., et al. Mol. Cancer Res. 3(1):21-31(2005) Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) : Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13449281
NCBI GeneID	80830
NCBI Accession #	NP_085144.1
NCBI GenBank Nucleotide #	NM_030641.3
UniProt Accession #	Q9BWW8; Q5R3S1; Q658J1; Q8IXX6; Q9UGG1
Molecular Weight	38128
NCBI Official Full Name	apolipoprotein L6
NCBI Official Synonym Full Names	apolipoprotein L, 6
NCBI Official Symbol	APOL6
NCBI Official Synonym Symbols	APOLVI; APOL-VI
NCBI Protein Information	apolipoprotein L6
UniProt Protein Name	Apolipoprotein L6
UniProt Gene Name	APOL6
UniProt Synonym Gene Names	ApoL-VI
UniProt Entry Name	APOL6_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.