

Rabbit anti-Human, Mouse APOL3 Polyclonal Antibody | anti-APOL3 antibody

APOL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327849	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

APOL3; Polyclonal Antibody; APOL3 Antibody; ApoL III; ApoL-III; APOL3_HUMAN; APOLIII; Apolipoprotein L 3; Apolipoprotein L III; Apolipoprotein L-III; Apolipoprotein L3; Apolipoprotein LIII; CG12 1; CG12_1; CG121; TNF inducible protein CG12 1; TNF-inducible protein CG12-1; anti-APOL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	APOL3 antibody detects endogenous levels of total APOL3
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	331
Applicable Applications for anti-APOL3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human APOL3
Tissue Specificity	Widely expressed; the highest levels are in prostate, lung and placenta; also detected in kidney, bone marrow, spleen, thymus, spinal cord, adrenal gland, salivary gland, trachea and mammary gland; levels are low in brain, heart, fetal liver, pancreas and testis.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327849 at 1/100 staining Human pancreas 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.



WB (Western Blot)

Western blot analysis of APOL3 using A549 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-APOL3 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 #	7656973
NCBI GeneID	80833
NCBI Accession #	NP_055164.1
NCBI GenBank Nucleotide #	NM_014349.2
UniProt Accession #	O95236; Q5U5N4; Q9BQ82; Q9BQA3; B1AH14; B1AH15
Molecular Weight	Observed: 44 kDa Predicted: 45 kDa
NCBI Official Full Name	apolipoprotein L3 isoform 2
NCBI Official Synonym Full Names	apolipoprotein L3
NCBI Official Symbol	APOL3
NCBI Official Synonym Symbols	CG121; CG12_1; APOLIII; apoL-III
NCBI Protein Information	apolipoprotein L3
UniProt Protein Name	Apolipoprotein L3
UniProt Gene Name	APOL3
UniProt Synonym Gene Names	ApoL-III; CG12_1

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/apol3-antibody-immunohistochemistry-western-blot-elisa/327849>