APOL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ApoL3, Polyclonal Antibody
Full Product Name	ApoL3 Rabbit Polyclonal Antibody
Product Gene Name	anti-APOL3 antibody
Product Synonym Names	APOL3; Apolipoprotein L3; Apolipoprotein L-III; ApoL-III; TNF-inducible protein CG12-1; CG12_1; BH6842; Apolipoprotein L3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	ApoL3 Polyclonal Antibody detects endogenous levels of ApoL3 protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	21,597 Da
OMIM	607253
3D Structure	ModBase 3D Structure for O95236
Immunogen	Synthesized peptide derived from ApoL3. at AA range: 100-180
Modification	Unmodified/Total
Applications Tested/Suitable for anti-APOL3 antibody	Immunohistochemistry-Paraffin (IHC-P), Immunofluorescence (IF)(paraffin section), ELISA (EIA)
Application Notes for anti-APOL3 antibody	IHC: 1/100-1/300 ELISA: 1/40000
Related Product Information for anti-APOL3 antibody	This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 22. The encoded protein is found in the Cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles. In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2015]
Other Notes	Small volumes of anti-APOL3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for APOL3 purchase	MBS9512097 is an antibody targeting APOL3. Also known as ApoL3 Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APOL3. It may not necessarily be applicable to this product.

NCBI GI #	22035646

NCBI GeneID	80833
NCBI Accession #	NP_663615.1
NCBI Related Accession #	NP_055164.1; NP_663616.1
UniProt Primary Accession #	O95236
UniProt Secondary Accession #	Q5U5N4; Q9BQ82; Q9BQA3; B1AHI4; B1AHI5
UniProt Related Accession #	O95236
GenBank Nucleotide #	NM_145640.2
NCBI Official Full Name	apolipoprotein L3 isoform 1
NCBI Official Synonym Full Names	apolipoprotein L3
NCBI Official Symbol	APOL3
NCBI Official Synonym Symbols	CG121; CG12_1; APOLIII; apoL-III
UniProt Protein Name	Apolipoprotein L3
UniProt Synonym Protein Names	Apolipoprotein L-III; ApoL-III; TNF-inducible protein CG12-1
Protein Family	Apolipoprotein
UniProt Gene Name	APOL3
UniProt Entry Name	APOL3_HUMAN
NCBI Protein Information	apolipoprotein L3
Research Articles on APOL3	**1.** An association between an single nucleotide polymorphisms within the APOL3 locus and prostate cancer risk, is revealed.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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