



Rabbit Anti-APOL3 antibody

SL7967R

Product Name:	APOL3
Chinese Name:	载LipoproteinL3抗体
Alias:	ApoL III; APOLIII; Apolipoprotein L 3; Apolipoprotein L III; Apolipoprotein L3; Apolipoprotein LIII; CG12 1; TNF inducible protein CG12 1; APOL3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	44kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human APOL3:51-120/402
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	APOL3 may be involved in cytoplasmic lipid transport or allow the binding of lipids to organelles. It is 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. There are three named isoforms.

Function:

May affect the movement of lipids in the cytoplasm or allow the binding of lipids to organelles.

Subcellular Location:

Cytoplasm (Probable).

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.

Similarity:

Belongs to the apolipoprotein L family.

SWISS:

O95236

Gene ID:

80833

Database links:

[Entrez Gene: 80833](#)Human

[Entrez Gene: 75761](#)Mouse

[Entrez Gene: 315108](#)Rat

[Omim: 607253](#)Human

[SwissProt: O95236](#)Human

[Unigene: 474737](#)Human

[Unigene: 232636](#)Mouse

[Unigene: 145692](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.