

**Goat Anti-APOL3 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1085a****Specification**

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**Goat Anti-APOL3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O95236</a>
Other Accession	<a href="#">NP_663616</a> , <a href="#">80833</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	44278

**Goat Anti-APOL3 Antibody - Additional Information****Gene ID** 80833**Other Names**

Apolipoprotein L3, Apolipoprotein L-III, ApoL-III, TNF-inducible protein CG12-1, CG12\_1, APOL3

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-APOL3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-APOL3 Antibody - Protein Information****Name** APOL3**Function**

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

**Cellular Location**

Cytoplasm.

**Tissue Location**

Widely expressed; the highest levels are in prostate, lung and placenta; also detected in kidney,

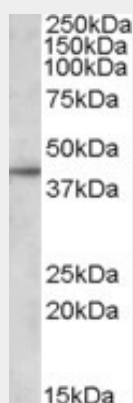
bone marrow, spleen, thymus, spinal cord, adrenal gland, salivary gland, trachea and mammary gland; levels are low in brain, heart, fetal liver, pancreas and testis

### Goat Anti-APOL3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Goat Anti-APOL3 Antibody - Images



AF1085a (1 µg/ml) staining of DAUDI lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Goat Anti-APOL3 Antibody - Background

This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 6. 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.

### Goat Anti-APOL3 Antibody - References

Family-based association analysis of 42 hereditary prostate cancer families identifies the Apolipoprotein L3 region on chromosome 22q12 as a risk locus. Johanneson B, et al. Hum Mol Genet, 2010 Oct 1. PMID 20631155.

Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Ruaño G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615.

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al.

Genes Immun, 2010 Apr. PMID 20237496.

Identifying leukocyte gene expression patterns associated with plasma lipid levels in human subjects. Ma J, et al. Atherosclerosis, 2007 Mar. PMID 16806233.