

Goat Anti-APOL2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1084a**Specification**

Goat Anti-APOL2 Antibody - Product Information

Application	WB, E
Primary Accession	Q9BOE5
Other Accession	NP_663612 , 23780
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	37078

Goat Anti-APOL2 Antibody - Additional Information**Gene ID** 23780**Other Names**

Apolipoprotein L2, Apolipoprotein L-II, ApoL-II, APOL2

Dilution

WB~~1:1000

E~~N/A

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-APOL2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-APOL2 Antibody - Protein Information**Name** APOL2**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 found in lung, thymus, pancreas, placenta, adult brain and prostate; also detected in spleen, liver, kidney, colon, small intestine, uterus, spinal cord, adrenal gland, salivary gland, trachea, mammary gland, skeletal muscle, testis and fetal brain and liver

Goat Anti-APOL2 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-APOL2 Antibody - Images



EB008916 (0.03 µg/ml) staining of Human Frontal Cortex lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-APOL2 Antibody - Background

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. Two transcript variants encoding the same protein have been found for this gene.

Goat Anti-APOL2 Antibody - References

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.

Association of SNPs and haplotypes in APOL1, 2 and 4 with schizophrenia. Takahashi S, et al. Schizophr Res, 2008 Sep. PMID 18632255.

Investigation of the apolipoprotein-L (APOL) gene family and schizophrenia using a novel DNA pooling strategy for public database SNPs. McGhee KA, et al. Schizophr Res, 2005 Jul 15. PMID 15949655.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

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