

#### **Goat Anti-APOL6 Antibody**

Peptide-affinity purified goat antibody Catalog # AF2176a

### **Specification**

## **Goat Anti-APOL6 Antibody - Product Information**

Application WB, E
Primary Accession Q9BWW8

Other Accession <u>NP\_085144</u>, <u>80830</u>

Reactivity
Host
Clonality
Concentration
Conc

Isotype IgG
Calculated MW 38128

## Goat Anti-APOL6 Antibody - Additional Information

#### **Gene ID 80830**

#### **Other Names**

Apolipoprotein L6, Apolipoprotein L-VI, ApoL-VI, APOL6

#### **Dilution**

WB~~1:1000

E~~N/A

### **Format**

0.5 mg lgG/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-APOL6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### **Goat Anti-APOL6 Antibody - Protein Information**

#### Name APOL6

## **Function**

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

## **Cellular Location**



Cytoplasm.

#### **Tissue Location**

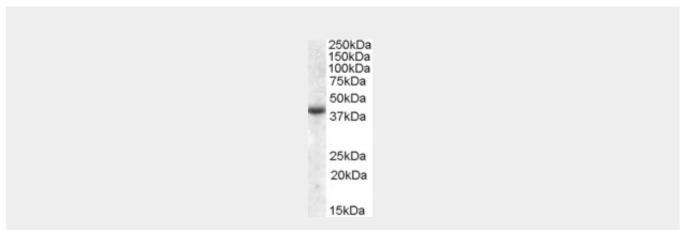
Widely expressed; highly expressed in the uterus, fetal brain and spinal cord, also detected in heart, liver, lung, colon, spleen, thymus, prostate, placenta, adrenal gland, salivary and mammary gland

## **Goat Anti-APOL6 Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Goat Anti-APOL6 Antibody - Images



AF2176a (2  $\mu$ g/ml) staining of Human Skeletal Muscle lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Goat Anti-APOL6 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.

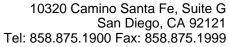
#### **Goat Anti-APOL6 Antibody - References**

The apolipoprotein L family of programmed cell death and immunity genes rapidly evolved in primates at discrete sites of host-pathogen interactions. Smith EE, et al. Genome Res, 2009 May. PMID 19299565.

RASD2, MYH9, and CACNG2 genes at chromosome 22q12 associated with the subgroup of schizophrenia with non-deficit in sustained attention and executive function. Liu YL, et al. Biol Psychiatry, 2008 Nov 1. PMID 18571626.

Apolipoprotein I6, a novel proapoptotic Bcl-2 homology 3-only protein, induces mitochondria-mediated apoptosis in cancer cells. Liu Z, et al. Mol Cancer Res, 2005 Jan. PMID 15671246.

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Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. A genome annotation-driven approach to cloning the human ORFeome. Collins JE, et al. Genome Biol, 2004. PMID 15461802.