

## **Anti-TOR1AIP1 Antibody**

Rabbit polyclonal antibody to TOR1AIP1 Catalog # AP59826

### **Specification**

## **Anti-TOR1AIP1 Antibody - Product Information**

Application WB, IP Primary Accession Q5]TV8

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 66248

## **Anti-TOR1AIP1 Antibody - Additional Information**

**Gene ID 26092** 

#### **Other Names**

Torsin-1A-interacting protein 1; Lamin-associated protein 1B; LAP1B

## Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TOR1AIP1. The exact sequence is proprietary.

### **Dilution**

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A

# **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### Storage

Store at -20 °C. Stable for 12 months from date of receipt

### **Anti-TOR1AIP1 Antibody - Protein Information**

Name TOR1AIP1

Synonyms LAP1

### **Function**

Required for nuclear membrane integrity. Induces TOR1A and TOR1B ATPase activity and is required for their location on the nuclear membrane. Binds to A- and B-type lamins. Possible role in membrane attachment and assembly of the nuclear lamina.

### **Cellular Location**

Nucleus inner membrane; Single-pass membrane protein



### **Tissue Location**

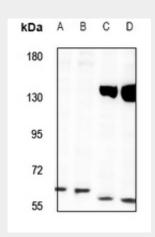
Expressed in muscle, liver and kidney. [Isoform 4]: Expressed at higher levels than isoform 1 in lung, kidney and spleen (at protein level). Expressed at lower levels than isoform 1 in liver, brain and heart (at protein level). Similar levels of isoforms 1 and 4 are observed in ovary, testis and pancreas (at protein level).

## **Anti-TOR1AIP1 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

# Anti-TOR1AIP1 Antibody - Images



Western blot analysis of TOR1AIP1 expression in LO2 (A), HEK293T (B), AML12 (C), PC12 (D) whole cell lysates.

# Anti-TOR1AIP1 Antibody - Background

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