

# Anti-TOR1AIP1 Antibody

Catalog # AP59826

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q5JTV8</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 66248                  |

## Additional Information

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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)                                                                                              |
| Format             | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                               |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                                               |

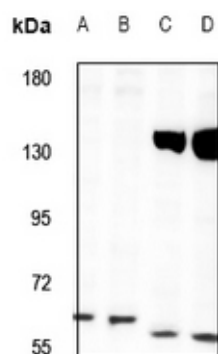
## Protein Information

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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). |

## Images

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Western blot analysis of TOR1AIP1 expression in LO2 (A), HEK293T (B), AML12 (C), PC12 (D) whole cell lysates.  
(Predicted band size: 66 kD; Observed band size: 66 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.