10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# LAP1B Polyclonal Antibody

Catalog # AP70717

## Product Information

| | |
|---|---|
| **Application** | WB, E, IHC-P |
| **Primary Accession** | Q5JTV8 |
| **Reactivity** | Human, Rat, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 66248 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 26092 |
| **Other Names** | TOR1AIP1; Torsin-1A-interacting protein 1; Lamin-associated protein 1B; LAP1B |
| **Dilution** | WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A IHC-P~~N/A |
| **Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| **Storage Conditions** | -20℃ |

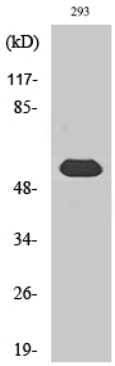
## Protein Information

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

## Background

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.

## Images




Western Blot analysis of various cells using LAP1B Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).

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