

LAP1B Polyclonal Antibody

Catalog # AP70717

Product Information

Application WB
Primary Accession Q5JTV8
Reactivity Human
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.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

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

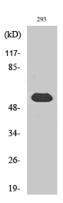
than isoform 1 in lung, kidney and spleen (at protein level). Expressed at lower levels than isoform 1 in liver, brain and heart (at protein level). Similar levels of isoforms 1 and 4 are observed in ovary, testis and pancreas (at

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'.