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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℃

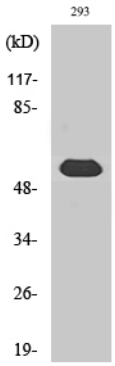
Protein Information

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'.