

LAP2 Rabbit pAb

Catalog No.: A24875

Basic Information

Observed MW

39kDa

Calculated MW

38kDa/50kDa/75kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse, Rat

Background

The protein encoded by this gene resides in the nucleus and may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane. Mutations in this gene are associated with dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Recommended Dilutions

WB 1:1000 - 1:5000

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7112

Swiss Prot

P42166/P42167

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

TMPO; CMD1T; LAP2; LEMD4; PRO0868; TP; thymopoietin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

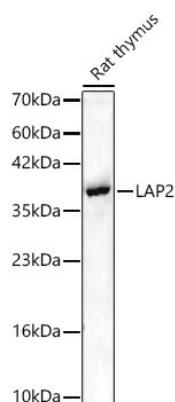
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Rat thymus using LAP2 Rabbit pAb (A24875) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 135s.