

MYL12A Rabbit pAb

Catalog No.: A9176

1 Publications

Basic Information

Observed MW

18kDa

Calculated MW

20kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

This gene encodes a nonsarcomeric myosin regulatory light chain. This protein is activated by phosphorylation and regulates smooth muscle and non-muscle cell contraction. This protein may also be involved in DNA damage repair by sequestering the transcriptional regulator apoptosis-antagonizing transcription factor (AATF)/Che-1 which functions as a repressor of p53-driven apoptosis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 8.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10627

Swiss Prot

P19105

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 92-171 of human MYL12A (NP_006462.1).

Synonyms

MLCB; MRCL3; MRLC3; MYL2B; MLC-2B; HEL-S-24; MYL12A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

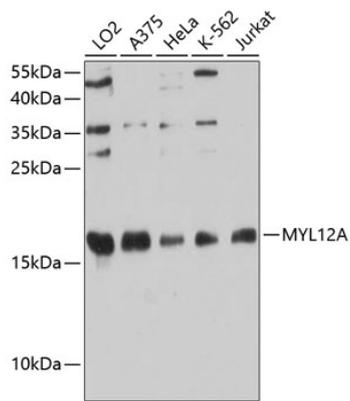
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using MYL12A Rabbit pAb (A9176) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.