

Product datasheet for TA360739

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

MRCL3 (MYL12A) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human

MYL12A

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 18 kDa

Gene Name: myosin light chain 12A

Database Link: <u>NP 001289976.1</u>

Entrez Gene 10627 Human

P19105

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.



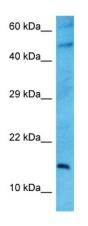


Synonyms: MLC-2B; MLCB; MRCL3; MRLC3; MYL2B; RLC

Protein Pathways: Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, Tight

junction

Product images:



Host: Rabbit
Target Name: MYL12A

Sample Type: THP-1 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit

Target Name: MYL12A

Sample Tissue: Human THP-1 Whole Cell lysates

Antibody Dilution: 1ug/ml