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Datasheet for ABIN5517914 **anti-MYL12A antibody (N-Term)**

Overview

| | |
|----------------------|---------------------------------------|
| Quantity: | 100 µL |
| Target: | MYL12A |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MYL12A antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|---|
| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human MYL12A |
| Sequence: | MSSKRTKTKT KKR PQRATSN VFAMFDQSQI QEFKEAFNMI DQNRDGFIDK |
| Purification: | Affinity purified |

Target Details

| | |
|-------------------|---|
| Target: | MYL12A |
| Alternative Name: | MYL12A (MYL12A Products) |
| 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 |

Target Details

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.

Alias Symbols: MLCB, MRCL3, MRLC3, MYL2B, MLC-2B, HEL-S-24

Protein Size: 171

Gene ID: 10627

NCBI Accession: [NM_001303047](#), [NP_001289976](#)

UniProt: [P19105](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: 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.