

**MKL2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12979a****Specification**

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**MKL2 Antibody (N-term) - Product Information**

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | WB,E                                                 |
| Primary Accession | <a href="#">O9ULH7</a>                               |
| Other Accession   | <a href="#">P59759</a> , <a href="#">NP_054767.3</a> |
| Reactivity        | Mouse                                                |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Calculated MW     | 118127                                               |
| Antigen Region    | 72-101                                               |

**MKL2 Antibody (N-term) - Additional Information****Gene ID** 57496**Other Names**

MKL/myocardin-like protein 2, Megakaryoblastic leukemia 2, Myocardin-related transcription factor B, MRTF-B, MKL2, KIAA1243, MRTFB

**Target/Specificity**

This MKL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human MKL2.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MKL2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MKL2 Antibody (N-term) - Protein Information****Name** MRTFB ([HGNC:29819](#))

**Function** Acts as a transcriptional coactivator of serum response factor (SRF). Required for skeletal myogenic differentiation.

**Cellular Location**

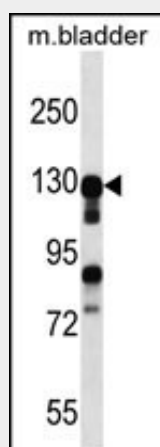
Nucleus.

**MKL2 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MKL2 Antibody (N-term) - Images**



MKL2 Antibody (N-term) (Cat. #AP12979a) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the MKL2 antibody detected the MKL2 protein (arrow).

**MKL2 Antibody (N-term) - Background**

MKL2 acts as a transcriptional coactivator of serum response factor (SRF). Required for skeletal myogenic differentiation.

**MKL2 Antibody (N-term) - References**

- Huang, D., et al. Genes Chromosomes Cancer 49(9):810-818(2010)  
Holt, R., et al. Eur. J. Hum. Genet. 18(9):1013-1019(2010)  
Medjkane, S., et al. Nat. Cell Biol. 11(3):257-268(2009)  
Lagna, G., et al. J. Biol. Chem. 282(51):37244-37255(2007)  
Morita, T., et al. J. Cell Biol. 179(5):1027-1042(2007)