# Rabbit MKL1 Polyclonal Antibody | anti-MKL1 antibody

MKL1 Rabbit Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA313486** | **Rabbit** | **Human, Mouse, Rat** | **Immunofluorescence, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

MKL1; Polyclonal Antibody; MKL1 Rabbit Polyclonal Antibody; BSAC; MAL; MRTF-A; anti-MKL1 antibody

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Affinity purification |
| **Form/Format** | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Applicable Applications for anti-MKL1 antibody** | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | Recombinant fusion protein of human MKL1 (NP_065882.1). |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |

## IMAGES

**WB (Western Blot)**
Western blot analysis of extracts of various cell lines, using MKL1 at 1:1000 dilution.

**IF (Immunofluorescence)**
Immunofluorescence analysis of U-2 OS cells using MKL1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-MKL1 antibody** | The protein encoded by this gene interacts with the transcription factor myocardin, a key regulator of smooth muscle cell differentiation. The encoded protein is predominantly nuclear and may help transduce signals from the cytoskeleton to the nucleus. This gene is involved in a specific translocation event that creates a fusion of this gene and the RNA-binding motif protein-15 gene. This translocation has been associated with acute megakaryocytic leukemia. Alternative splicing results in multiple transcript variants. |
| **Product Categories/Family for anti-MKL1 antibody** | Primary Antibody |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 14269566 |
| **NCBI GeneID** | 57591 |

| | |
|---|---|
| **NCBI Accession #** | NP_065882.1 |
| **NCBI GenBank Nucleotide #** | NM_020831.3 |
| **UniProt Accession #** | Q969V6; Q8TCL1; Q96SC5; Q96SC6; Q9P2B0 |
| **Molecular Weight** | 98,919 Da |
| **NCBI Official Full Name** | MKL/myocardin-like protein 1 |
| **NCBI Official Synonym Full Names** | megakaryoblastic leukemia (translocation) 1 |
| **NCBI Official Symbol** | MKL1 |
| **NCBI Official Synonym Symbols** | MAL; BSAC; MRTF-A |
| **NCBI Protein Information** | MKL/myocardin-like protein 1; basic, SAP and coiled-coil domain; megakaryoblastic leukemia 1 protein; megakaryocytic acute leukemia protein; myocardin-related transcription factor A; RNA-binding motif protein 15/megakaryoblastic leukemia-1 fusion protein |
| **UniProt Protein Name** | MKL/myocardin-like protein 1 |
| **UniProt Gene Name** | **MKL1** |
| **UniProt Synonym Gene Names** | KIAA1438; MAL; MRTF-A |
| **UniProt Entry Name** | MKL1_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/mkl1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313486