

## MKL1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 99kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human MKL1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MAL; BSAC; MRTF-A;

**Catalog #:** A8504

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 57591

**Isotype:** IgG

**Swiss Prot:** Q969V6

**Purity:** Affinity purification

For research use only.

**Background:**

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.

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