

Rabbit MKL1 Polyclonal Antibody | anti-MKL1 antibody

MKL1 Polyclonal Antibody

CATALOG # AAA177208	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

MKL1; Polyclonal Antibody; MKL1 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	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MKL1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MKL1 (NP_0658821)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

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


WB (Western Blot)

Western blot analysis of extracts of various cell lines using MKL1 Polyclonal Antibody at dilution of 1:1000.

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	Cancer; Cardiovascular; Epigenetics and Nuclear Signaling; Metabolism; Signal Transduction; Stem Cells; Polyclonal 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mkl1-antibody-immunofluorescence-western-blot-elisa/177208>