

Rabbit anti-Human MKL1 Polyclonal Antibody | anti-MKL1 antibody

Rabbit anti-MKL1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211801	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MKL1; Polyclonal Antibody; Rabbit anti-MKL1 Antibody; Affinity Purified; megakaryoblastic leukemia 1 protein; MRTF-A; MKL/myocardin-like protein 1; megakaryocytic acute leukemia protein; megakaryoblastic leukemia (translocation) 1; MAL; BSAC; basic; SAP and coiled-coil domain; MKL; myocardin related transcription factor A; anti-MKL1 antibody

PRODUCT SPECIFICATIONS

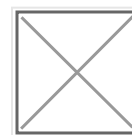
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-MKL1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 700 and 750
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MKL1 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-MKL1 antibody AAA211801 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. MKL1 was also immunoprecipitated by rabbit anti-MKL1 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human MKL1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-MKL1 (Cat. No. AAA211801 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MKL1 antibody	MKL1 (megakaryoblastic leukemia 1 protein) was identified as part of a t(1;22) translocation with RBM15 associated with acute megakaryoblastic leukemia. It is a transcriptional coactivator of serum response factor (SRF) that promotes muscle differentiation and also plays a role in promoting maturation of megakaryocytes.
Product Categories/Family for anti-MKL1 antibody	Primary Antibodies

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-immunohistochemistry-immunoprecipitation-western-blot-elisa/211801>