

Rabbit MOBKL1B Polyclonal Antibody | anti-MOB1A antibody

MOBKL1B Antibody (N-term)

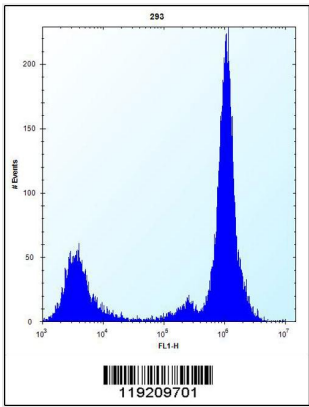
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288347	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

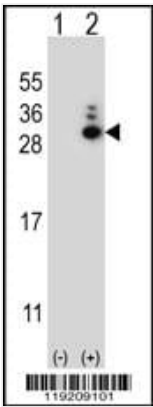
MOBKL1B; Polyclonal Antibody; MOBKL1B Antibody (N-term); MOB kinase activator 1A; Mob1 alpha; Mob1A; Mob1 homolog 1B; Mps one binder kinase activator-like 1B; MOB1A; C2orf6; MOB4B; MOBK1B; anti-MOB1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MOBKL1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-33 amino acids from the N-terminal region of human MOBKL1B.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	5-33
Sequence Length	216
Applicable Applications for anti-MOB1A antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MOBKL1B Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of MOBKL1B (arrow) using rabbit polyclonal MOBKL1B Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MOBKL1B gene.

ADDITIONAL INFORMATION

Related Product Information for anti-MOB1A antibody	Activator of LATS1/2 in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell migration. Stimulates the kinase activity of STK38 and STK38L.
Product Categories/Family for anti-MOB1A antibody	Cancer; Signal Transduction
References	Chow, A., et al. Int. J. Cancer 126(9):2079-2089(2010) Wilmeth, L.J., et al. Mol. Biol. Cell 21(3):380-392(2010) Kosaka, Y., et al. Int. J. Oncol. 31(2):333-338(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747437
NCBI GeneID	55233
NCBI Accession #	NP_060691.2
NCBI GenBank Nucleotide #	NM_018221.3
UniProt Accession #	Q9H8S9; Q53S34; Q9H3T5; Q9HAI0; Q9NVE2
Molecular Weight	25080
NCBI Official Full Name	MOB kinase activator 1A
NCBI Official Synonym Full Names	MOB kinase activator 1A
NCBI Official Symbol	MOB1A
NCBI Official Synonym Symbols	MOB1; MATS1; Mob4B; C2orf6; MOBK1B; MOBKL1B
NCBI Protein Information	MOB kinase activator 1A
UniProt Protein Name	MOB kinase activator 1A

UniProt Gene Name	MOB1A
UniProt Synonym Gene Names	C2orf6; MOB4B; MOBK1B; MOBKL1B; Mob1A
UniProt Entry Name	MOB1A_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/mobkl1b-antibody-flow-cytometry-western-blot-elisa/288347>