MOBKL1B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MOBKL1B, Polyclonal Antibody
Full Product Name	MOBKL1B (C-Term) Rabbit pAb
Product Gene Name	anti-MOBKL1B antibody
Product Synonym Names	MOB kinase activator 1A; Mob1 alpha; Mob1A; Mob1 homolog 1B; Mps one binder kinase activator-like 1B; MOB1A; C2orf6; MOB4B; MOBK1B; MOBKL1B
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB19210
Host	Rabbit
Species Reactivity	Human
Form/Format	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.
Purity/Purification	Affinity Purified
OMIM	609281
3D Structure	ModBase 3D Structure for Q9H8S9
Immunogen	This MOBKL1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-216 amino acids from the C-terminal region of human MOBKL1B.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MOBKL1B antibody	Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS)
Application Notes for anti-MOBKL1B antibody	WB: 1:1000 IHC: 1:50-100 FC/FACS: 1:10-50
Related Product Information for anti-MOBKL1B antibody	MBS8554956 is an antibody targeting MOBKL1B. Also known as MOBKL1B (C-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-MOBKL1B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MOBKL1B. It may not necessarily be applicable to this product.

NCBI GI #	56749356
NCBI GeneID	55233
NCBI Accession #	Q9H8S9.4
UniProt Primary Accession #	Q9H8S9
UniProt Related Accession #	Q9H8S9

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
UniProt Protein Name	MOB kinase activator 1A
UniProt Synonym Protein Names	Mob1 alpha; Mob1A; Mob1 homolog 1B; Mps one binder kinase activator-like 1B
UniProt Gene Name	MOB1A
UniProt Synonym Gene Names	C2orf6; MOB4B; MOBK1B; MOBKL1B; Mob1A
UniProt Entry Name	MOB1A_HUMAN
NCBI Protein Information	MOB kinase activator 1A
NCBI Summary for MOBKL1B	The protein encoded by this gene is a component of the Hippo signaling pathway, which controls organ size and tumor growth by enhancing apoptosis. Loss of the encoded protein results in cell proliferation and cancer formation. The encoded protein is also involved in the control of microtubule stability during cytokinesis. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]
UniProt Comments for MOBKL1B	MOB1A: 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 STK3/MST2 and STK4/MST1, 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. Acts cooperatively with STK3/MST2 to activate STK38. Binds STK38 and STK38L. Interacts with LATS1 and LATS2. Forms a tripartite complex with STK38 and STK3/MST2. Adrenal gland, bone marrow, brain, placenta, prostate, salivary gland, skeletal muscle, testis, thymus, thyroid gland, heart, spinal cord, fetal brain and fetal liver. Belongs to the MOB1/phocein family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Protein kinase, regulatory subunit Chromosomal Location of Human Ortholog: 2p13.1 Cellular Component: cytosol Molecular Function: protein binding; metal ion binding
Research Articles on MOBKL1B	**1.** validated the functional importance of an identified interaction network by characterizing a distinct novel interaction between PTPN5 and Mob1a.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/mobkl1b/8554956