MOBKL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MOBKL3, Polyclonal Antibody
Full Product Name	MOBKL3, NT (MOB4, MOB3, MOBKL3, PHOCN, PREI3, MOB-like protein phocein, 2C4D, Class II mMOB1, Mob1 homolog 3, Mps one binder kinase activator-like 3, Preimplantation protein 3) (MaxLight 650)
Product Gene Name	anti-MOBKL3 antibody
Product Synonym Names	MOB4; MOB3; MOBKL3; PHOCN; PREI3; MOB-like protein phocein; 2C4D; Class II mMOB1; Mob1 homolog 3; Mps one binder kinase activator-like 3; Preimplantation protein 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	609361
3D Structure	ModBase 3D Structure for Q9Y3A3
Immunogen	MOBKL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MOBKL3.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-MOBKL3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-MOBKL3 antibody	Western Blot (WB), FLISA
Application Notes for anti-MOBKL3 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MOBKL3 antibody	This gene was identified based on its similarity with the mouse counterpart. Studies of the mouse counterpart suggest that the expression of this gene may be regulated during oocyte maturation and preimplantation following zygotic gene activation. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
Product References and Citations for anti-MOBKL3 antibody	Goudreault, M., et al. Mol. Cell Proteomics 8(1):157-171(2009). Hirabayashi, S., et al. Oncogene 27(31):4281-4292(2008). Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007): Stelzl, U., et al. Cell 122(6):957-968(2005). Baillat, G., et al. J. Biol. Chem. 277(21):18961-18966(2002).
Other Notes	Small volumes of anti-MOBKL3 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.

Searchable Terms for MOBKL3 purchase	MBS6321589 is an antibody targeting MOBKL3. Also known as MOBKL3, NT (MOB4, MOB3, MOBKL3, PHOCN, PREI3, MOB-like protein phocein, 2C4D, Class II mMOB1, Mob1 homolog 3, Mps one binder kinase activator-like 3, Preimplantation protein 3) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MOBKL3. It may not necessarily be applicable to this product.

NCBI GI #	41349451
NCBI GeneID	25843
NCBI Accession #	NP_955776.1
NCBI Related Accession #	NP_056202.2
UniProt Primary Accession #	Q9Y3A3
UniProt Related Accession #	Q9Y3A3
GenBank Nucleotide #	NP_955776.1
NCBI Official Full Name	MOB-like protein phocein isoform 2
NCBI Official Synonym Full Names	MOB family member 4, phocein
NCBI Official Symbol	MOB4
NCBI Official Synonym Symbols	2C4D; MOB1; MOB3; PHOCN; PREI3; CGI-95; MOBKL3
UniProt Protein Name	MOB-like protein phocein
UniProt Synonym Protein Names	2C4D; Class II mMOB1; Mob1 homolog 3; Mob3; Mps one binder kinase activator-like 3; Preimplantation protein 3
UniProt Gene Name	MOB4
UniProt Synonym Gene Names	MOB3; MOBKL3; PHOCN; PREI3; Mob3
UniProt Entry Name	PHOCN_HUMAN
NCBI Protein Information	MOB-like protein phocein
NCBI Summary for MOBKL3	This gene was identified based on its similarity with the mouse counterpart. Studies of the mouse counterpart suggest that the expression of this gene may be regulated during oocyte maturation and preimplantation following zygotic gene activation. Alternatively spliced transcript variants encoding distinct isoforms have been observed. Naturally occurring read-through transcription occurs between this locus and the neighboring locus HSPE1.[provided by RefSeq, Feb 2011]
UniProt Comments for MOBKL3	PREI3: May play a role in membrane trafficking, specifically in membrane budding reactions. Belongs to the MOB1/phocein family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Activator; Membrane protein, peripheral; Protein kinase, regulatory subunit Chromosomal Location of Human Ortholog: 2q33.1 Cellular Component: Golgi apparatus; cell soma; perinuclear region of cytoplasm; cytoplasm; dendritic spine; cytosol Molecular Function: protein binding; metal ion binding; kinase binding Biological Process: transport
Research Articles on MOBKL3	**1.** Because of divergent evolution of key interface residues, MST4 and MOB4 could disrupt assembly of the MST1-MOB1 complex through alternative pairing and thereby increased YAP activity. Collectively, these findings identify the MST4-MOB4 complex as a noncanonical regulator of the Hippo-YAP pathway with an oncogenic role in PC

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/mobkl3/6321589