

**MOB1A Antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15257****Specification**

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**MOB1A Antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9H8S9</a>
Other Accession	<a href="#">NM_018221</a> , <a href="#">NP_060691</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa KDa

**MOB1A Antibody - C-terminal region - Additional Information****Gene ID** 55233**Alias Symbol** C2orf6, FLJ10788, FLJ11595, MATS1, MOB1, MOBK1B, Mob4B, MOBKL1B**Other Names**

MOB kinase activator 1A, Mob1 alpha, Mob1A, Mob1 homolog 1B, Mps one binder kinase activator-like 1B, MOB1A, C2orf6, MOB4B, MOBK1B, MOBKL1B

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-MOB1A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

MOB1A Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**MOB1A Antibody - C-terminal region - Protein Information****Name** MOB1A ([HGNC:16015](#))**Function**

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.

#### **Tissue Location**

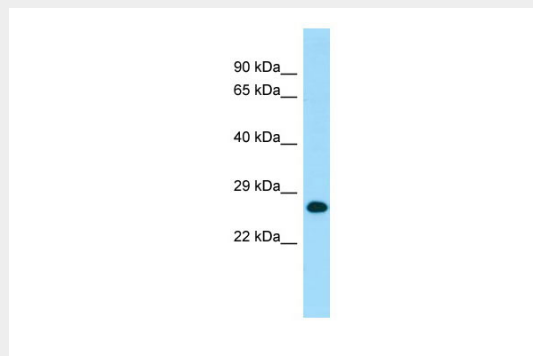
Adrenal gland, bone marrow, brain, placenta, prostate, salivary gland, skeletal muscle, testis, thymus, thyroid gland, heart, spinal cord, fetal brain and fetal liver

#### **MOB1A Antibody - C-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **MOB1A Antibody - C-terminal region - Images**



WB Suggested Anti-MOB1A Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Heart

#### **MOB1A Antibody - C-terminal region - References**

Kagaya S., et al. Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.  
Florindo C.S., et al. Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Hillier L.W., et al. Nature 434:724-731(2005).  
Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).