


Product datasheet

Anti-MOBK1B antibody ab110778

1 图像

概述

<b>产品名称</b>	Anti-MOBK1B抗体
<b>描述</b>	兔多克隆抗体to MOBK1B
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Mouse, Rat, Chicken, Cow, Pig, Chimpanzee, Zebrafish, Macaque monkey, Orangutan 
<b>免疫原</b>	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human MOBK1B. <a href="#">参阅Abcam的专有抗源政策</a>
<b>阳性对照</b>	This antibody gave a positive signal in the following Human tissue lysates: Adrenal Gland; Bone Marrow; Brain; Placenta; Skeletal Muscle; Testis; Thymus.

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Note: Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab110778** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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WB Use a concentration of 1 µg/ml. Detects a band of approximately 25 kDa (predicted molecular weight: 25 kDa).

## 靶标

### 功能

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.

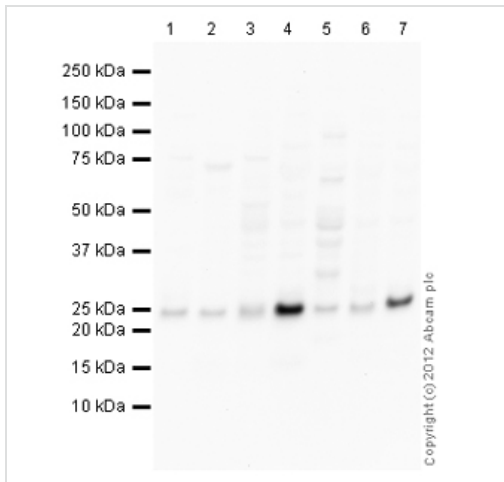
### 组织特异性

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

### 序列相似性

Belongs to the MOB1/phocein family.

## 图片



Western blot - Anti-MOBK1B antibody (ab110778)

**All lanes :** Anti-MOBK1B antibody  
(ab110778) at 1 µg/ml

**Lane 1 :** Human adrenal normal tissue lysate -  
total protein (ab29249)

**Lane 2 :** Bone Marrow (Human) Tissue  
Lysate - adult normal tissue

**Lane 3 :** Human brain tissue lysate - total  
protein (ab29466)

**Lane 4 :** Human placenta tissue lysate - total  
protein (ab29745)

**Lane 5 :** Human skeletal muscle tissue lysate  
- total protein (ab29330)

**Lane 6 :** Human testis tissue lysate - total  
protein (ab30257)

**Lane 7 :** Human thymus tissue lysate - total  
protein (ab30146)

Lysates/proteins at 10 µg per lane.

#### Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed  
(ab97080) at 1/5000 dilution

Developed using the ECL technique

Performed under reducing conditions.

**Predicted band size :** 25 kDa

**Observed band size :** 25 kDa

**Additional bands at :** 30 kDa, 44 kDa, 70  
kDa. We are unsure as to the identity of these  
extra bands.

**Exposure time :** 4 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

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