


Product datasheet

Anti-MOBK1B antibody ab110778

1 图像

概述

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

性能

形式	Liquid
存放说明	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.
存储溶液	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.
纯度	Immunogen affinity purified
克隆	多克隆
同种型	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.

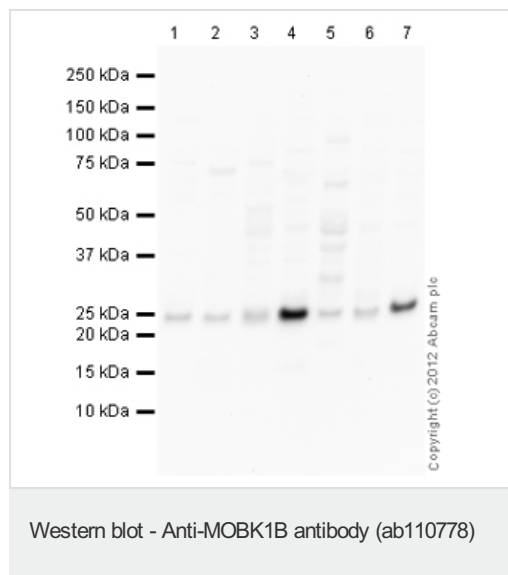
组织特异性

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



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

All lanes : 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

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Bovine Serum Albumin before being incubated with ab110778 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.

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

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