




Anti-YAP1 (phospho Y357) antibody ab62751

★★★★★ [1 Abreviews](#) [47 References](#) [1 图像](#)

概述

产品名称	Anti-YAP1 (phospho Y357)抗体
描述	兔多克隆抗体to YAP1 (phospho Y357)
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Horse, Chicken, Cow, Dog, Xenopus laevis, Chimpanzee, Zebrafish, Opossum 
免疫原	Synthetic peptide corresponding to Human YAP1 aa 350-450 (C terminal) (phospho Y357) conjugated to keyhole limpet haemocyanin. Database link: P46937 <div>  Run BLAST with  Run BLAST with </div>
阳性对照	HEK-293T cells co-transfected with human YAP1 and human c-Abl.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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 long term.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: 0.0268% PBS
纯度	Immunogen affinity purified
纯化说明	ab62751 was affinity-purified using the immunizing peptide immobilized on agarose.
克隆	多克隆

同种型

lgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab62751于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 65 kDa (predicted molecular weight: 65 kDa).
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

靶标

功能

Transcriptional regulator which can act both as a coactivator and a corepressor and is the critical downstream regulatory target in the Hippo signaling pathway that 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. Plays a key role to control cell proliferation in response to cell contact. 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. The presence of TEAD transcription factors are required for it to stimulate gene expression, cell growth, anchorage-independent growth, and epithelial mesenchymal transition (EMT) induction. Isoform 2 and isoform 3 can activate the C-terminal fragment (CTF) of ERBB4 (isoform 3).

组织特异性

Increased expression seen in some liver and prostate cancers. Isoforms lacking the transactivation domain found in striatal neurons of patients with Huntington disease (at protein level).

序列相似性

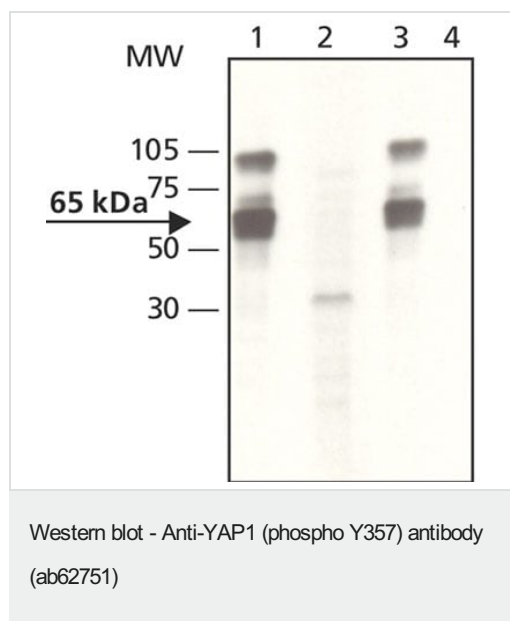
Belongs to the YORKIE family.
Contains 2 WW domains.

翻译后修饰

Phosphorylated by LATS1 and LATS2; leading to cytoplasmic translocation and inactivation. Phosphorylated by ABL1; leading to YAP1 stabilization, enhanced interaction with TP73 and recruitment onto proapoptotic genes; in response to DNA damage.

细胞定位

Cytoplasm. Nucleus. Both phosphorylation and cell density can regulate its subcellular localization. Phosphorylation sequesters it in the cytoplasm by inhibiting its translocation into the nucleus. At low density, predominantly nuclear and is translocated to the cytoplasm at high density.



All lanes : Anti-YAP1 (phospho Y357) antibody (ab62751) at 1/2000 dilution

Lane 1 : Whole cell lysates of HEK-293T cells co-transfected with human YAP1 and human c-Abl

Lane 2 : Whole cell lysates of untransfected HEK-293T cells

Lane 3 : Whole cell lysates of HEK-293T cells co-transfected with human YAP1 and human c-Abl with YAP1 peptide (human 351-362) at 20 µg/ml

Lane 4 : Whole cell lysates of HEK-293T cells co-transfected with human YAP1 and human c-Abl with phospho-YAP1 (human 351-362 [phospho Y357]) immunizing peptide at 20 µg/ml

Secondary

All lanes : Goat Anti-Rabbit IgG, Peroxidase conjugate

Predicted band size: 65 kDa

Observed band size: 65 kDa

Additional bands at: 100 kDa, 70 kDa. We are unsure as to the identity of these extra bands.

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