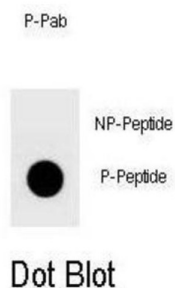


YAP (pS127) Antibody

Catalogue No.: abx032113



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).

Target: YAP (pS127)

Clonality: Polyclonal

Target Modification: Ser127

Modification: Phosphorylation

Reactivity: Human

Tested Applications: ELISA, DB

Host: Rabbit

Recommended dilutions: DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S127 of human YAP.

Isotype: IgG

Form: Liquid

Datasheet

Version: 3.0.0

Revision date: 26 Aug 2025



Purification:	Purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P46937 (UniProt , ExPASy)
KEGG:	hsa:10413
String:	9606.ENSP00000478927
Molecular Weight:	Calculated MW: 54.5 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse, Rat and Xenopus YAP1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only