

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-YAP1



Numéro de catalogue: 30464-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 30464-1-AP	<b>Numéro d'acquisition GenBank:</b> BC038235	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 700 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 10413	<b>Dilutions recommandées:</b> WB 1:5000-1:50000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> Yes-associated protein 1, 65kDa	
<b>Isotype:</b> IgG	<b>MW calculé</b> 504 aa, 54 kDa	
<b>Immunogen Catalog Number:</b> AG33106	<b>MW observés:</b> 65-70 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules HeLa, cellules MCF-7
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

Yes-associated protein 1 (YAP1) is a 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 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. 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). 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). It is activated by phosphorylation and degraded by ubiquitination (20048001).

## Stockage

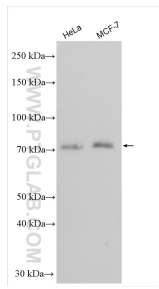
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 30464-1-AP (YAP1 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.