



Datasheet for ABIN1683302

anti-YAP1 antibody

13 Images

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Overview

Quantity:	100 µg
Target:	YAP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant Protein
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)

Target Details

Target:	YAP1
Alternative Name:	YAP (YAP1 Products)
Molecular Weight:	504 kDa
Gene ID:	10413
UniProt:	P46937
Pathways:	MAPK Signaling , Stem Cell Maintenance , Regulation of Lipid Metabolism by PPARalpha

Application Details

Restrictions: For Research Use only

Handling

Storage: -20 °C

Publications

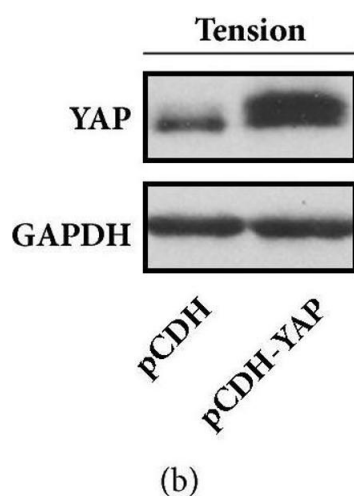
Product cited in: Zhang, Pei, Wang, Xiang, Sun, Cheng, Qi, Marchetti, Xu, Sun, Edgar, Yuan: "A Balance of Yki/Sd Activator and E2F1/Sd Repressor Complexes Controls Cell Survival and Affects Organ Size." in: **Developmental cell**, Vol. 43, Issue 5, pp. 603-617.e5, (2018) ([PubMed](#)).

Gao, Yang, Yuan, Huang, Xu, Mao, Yuan, Bi: "TNF α -YAP/p65-HK2 axis mediates breast cancer cell migration." in: **Oncogenesis**, Vol. 6, Issue 9, pp. e383, (2017) ([PubMed](#)).

Wang, Wu, Huang, Wang, Xu, Jia, Han, Mao, Bi: "Hippo/YAP signaling pathway is involved in osteosarcoma chemoresistance." in: **Chinese journal of cancer**, Vol. 35, pp. 47, (2016) ([PubMed](#)).

Li, Yu, Chen, Li, Lei, Chen, Bao, Luo, Lin, Pang, Tan: "The YAP1 oncogene contributes to bladder cancer cell proliferation and migration by regulating the H19 long noncoding RNA." in: **Urologic oncology**, Vol. 33, Issue 10, pp. 427.e1-10, (2016) ([PubMed](#)).

Images



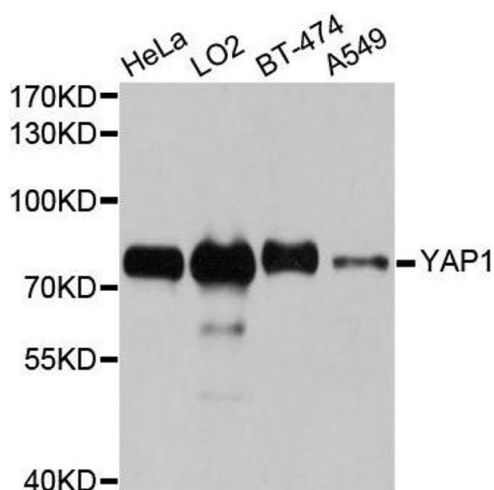
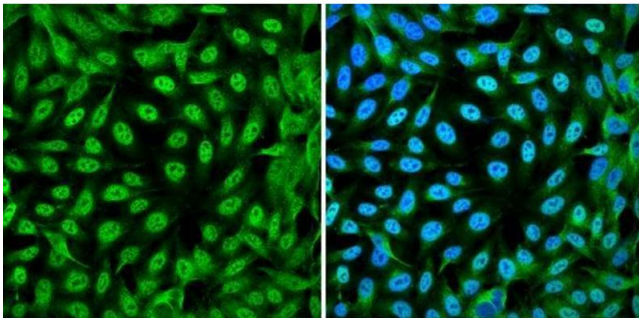
Western Blotting

Image 1. Forced overexpression of YAP promotes the osteogenic differentiation of HPDLCs. (a) YAP was overexpressed in HPDLCs using pCDH-YAP, and the mRNA expression level of YAP was detected by qRT-PCR. , $p < 0.001$. (b) The protein expression of YAP was analyzed using immunoblots. (c) Quantitative analysis of the blots (in (b)), the data was normalized to GAPDH. , $p < 0.001$. (d) Alkaline phosphatase activity of HPDLCs was enhanced by the overexpression of YAP. The positive cells for the ALP

were stained with NBT-formazan (dark blue). (e) The ALP activities were quantified using an ALP reagent kit. The activities were normalized to the protein concentration. , $P < 0.01$. (f) Osteogenesis related genes were increased in the YAP overexpressed HPDLCs. The relative expression levels of osteopontin (OPN), RUNX2, collagen type 1 (COL1), alkaline phosphatase (ALP), osterix (OSX), and osteocalcin (OCN) were normalized to GAPDH. , $p < 0.05$, , $p < 0.01$, , $p < 0.001$. All data was based on three independent experiments. - figure provided by CiteAb. Source: PMID30519570

Immunofluorescence

Image 2. Immunofluorescence analysis of DLD-1 cells showing nuclear and cytoplasmic localization with YAP1 antibody 1:200 (left,green).



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using YAP1 antibody.

Please check the [product details page](#) for more images. Overall 13 images are available for ABIN1683302.