

## YAP1 Antibody

Catalog No: #48350

Package Size: #48350-1 50ul #48350-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

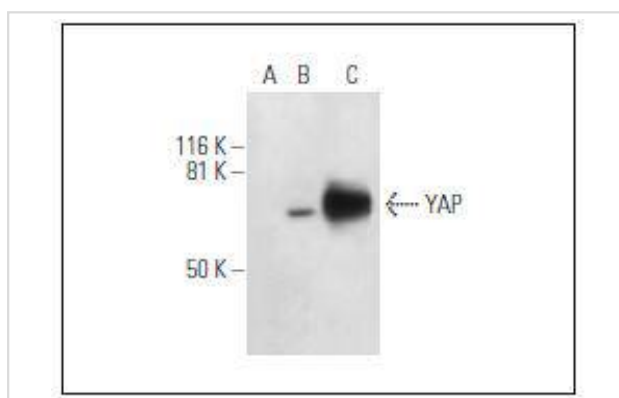
Product Name	YAP1 Antibody
Host Species	Mouse
Clone No.	3G1
Purification	ProA affinity purified
Applications	WB, IP, IF
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Amino acids 294-323 within an internal region of YAP of human origin.
Other Names	65 kDa Yes associated protein antibody 65 kDa Yes-associated protein antibody COB1 antibody YAP 1 antibody YAP 65 antibody YAP antibody YAP1 antibody YAP1_HUMAN antibody YAP2 antibody YAP65 antibody yes -associated protein delta antibody Yes associated protein 1 65kDa antibody Yes associated protein 1 antibody Yes associated protein 2 antibody yes associated protein beta antibody YKI antibody Yorkie homolog antibody
Accession No.	Swiss-Prot#:P46937
Calculated MW	65kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at 4°C

## Application Details

WB: 1:100-1:1,000

IP: 1-2 µg per 100-500 µg of total protein(1 ml of cell lysate)

## Images



Western blot analysis of YAP expression in non-transfected 293T (A), human YAP transfected 293T (B) and Caco-2 (C) whole cell lysates.

## Background

The Yes-associated protein, otherwise known as YAP, is a 14-3-3-binding molecule that was originally recognized by virtue of its ability to bind to the SH3 domain of Yes. The binding of YAP to 14-3-3 requires the phosphorylation of a homologous serine residue (Ser 112) in the YAP 14-3-3-binding

motif. The highly conserved and ubiquitously expressed 14-3-3 proteins regulate differentiation, cell cycle progression and apoptosis by binding intracellular phosphoproteins involved in signal transduction. YAP may link events at the plasma membrane and cytoskeleton to inhibition of transcription in the nucleus in a manner regulated by 14-3-3 proteins. YAP shares homology with the WW domain of TAZ, transcriptional co-activator with PDZ-binding motif, which functions as a transcriptional co-activator by binding to the PPXY motif present in transcription factors. YAP is expressed at high levels in the lung, placenta, prostate, ovary and testis.

## References

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1. Hao, Y., et al. 2008. Tumor suppressor LATS1 is a negative regulator of oncogene YAP. *J. Biol. Chem.* 283: 5496-5509.
2. Yuan, M., et al. 2008. Yes-associated protein (YAP) functions as a tumor suppressor in breast. *Cell Death Differ.* 15: 1752-1759.
3. Danovi, S.A., et al. 2008. Yes-associated protein (YAP) is a critical mediator of c-Jun-dependent apoptosis. *Cell Death Differ.* 15: 217-219.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.