

YAP65 Antibody

Catalog No: #48351

Package Size: #48351-1 50ul #48351-2 100ul

Orders: order@signalwayantibody.com

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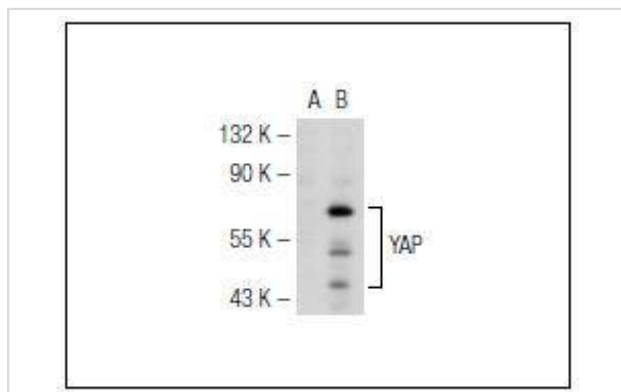
Description

Product Name	YAP65 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB, IP, IF, IHC(P)
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Amino acids 206-330 mapping near the C-terminus 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 -20°C

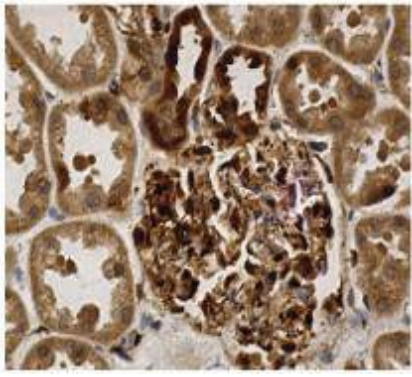
Application Details

WB: 1:100-1:1,000 IHC: 1:50-1:500 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 (A) and mouse YAP transfected (B) 293T whole cell lysates.



Immunoperoxidase staining of formalin fixed, paraffin-embedded human kidney tissue showing cytoplasmic and nuclear staining of cells in glomeruli and tubules.

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

1. Yu, F.X., et al. 2012. Regulation of the Hippo-YAP pathway by G proteincoupled receptor signaling. *Cell* 150: 780-791.
2. Zhao, B., et al. 2012. Cell detachment activates the Hippo pathway via cytoskeleton reorganization to induce anoikis. *Genes Dev.* 26: 54-68.

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