

## Phospho-YAP1 (S127) Rabbit mAb

Catalog No: #13401

Package Size: #13401-1 50ul #13401-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

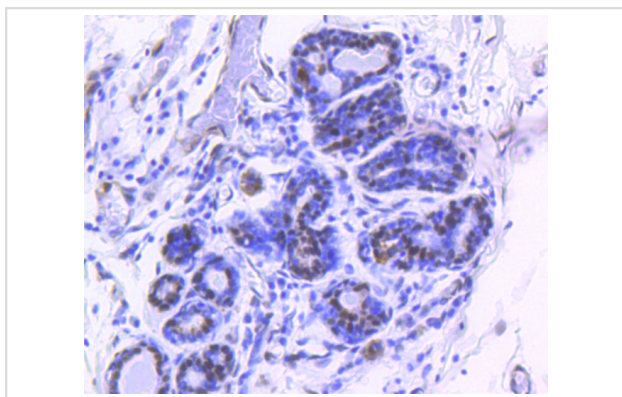
## Description

Product Name	Phospho-YAP1 (S127) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SN0718
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Human breast carcinoma tissue, human kidney tissue, mouse kidney tissue.
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
Uniprot	P46937
GeneID	10413;
Calculated MW	65 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

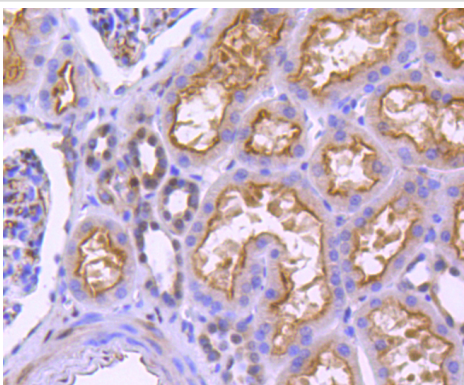
## Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200

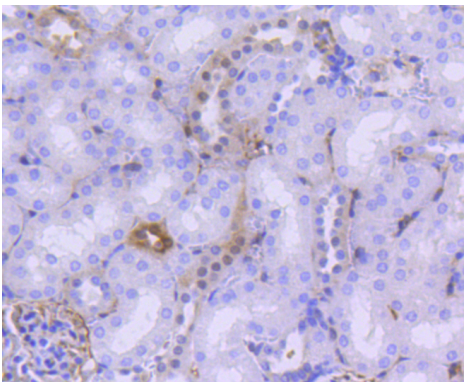
## Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-phospho-YAP1 (S127) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti- phospho-YAP1 (S127) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti- phospho-YAP1 (S127) antibody. Counter stained with hematoxylin.

## 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

Note: This product is for in vitro research use only