

## YAP (Phospho-Ser127) Conjugated Antibody

Catalog No: #C11952



Package Size: #C11952-AF350 100ul #C11952-AF405 100ul #C11952-AF488 100ul #C11952-AF555 100ul #C11952-AF594 100ul #C11952-AF647 100ul #C11952-AF680 100ul #C11952-AF750 100ul #C11952-Biotin 100ul #C11952-Conjugated 50ul

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

## Description

Product Name	YAP (Phospho-Ser127) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of YAP only when phosphorylated at serine 127.
Immunogen Description	Peptide sequence around phosphorylation site of serine127(A-H-S(p)-S-P) derived from Human YAP .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	YAP65;YAP1
Accession No.	Swiss-Prot#:P46937NCBI Gene ID:10413NCBI mRNA#:NM_001130145.2NCBI Protein#:NP_001123617.1
Calculated MW	65
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

## Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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.

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