

# Phospho-YAP1-S127 Rabbit mAb

Catalog No.: AP1436 **Recombinant**

## Basic Information

### Observed MW

75kDa

### Calculated MW

36kDa/48kDa/49kDa/50kDa/52kDa/53kDa/54kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC61727

## Background

This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. This gene is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Recommended Dilutions

**WB** 1:1000 - 1:5000

**IF** 1:50 - 1:200

## Immunogen Information

### Gene ID

10413

### Swiss Prot

P46937

### Immunogen

A synthetic phosphorylated peptide around S127 of human YAP1(NP\_001123617.1).

### Synonyms

YAP1; COB1; YAP; YAP2; YAP65; YKI; Yes associated protein 1; Phospho-YAP1-S127

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

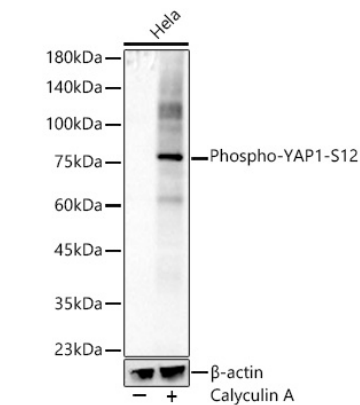
Affinity purification

### Storage

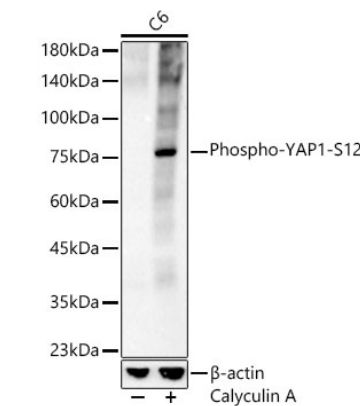
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

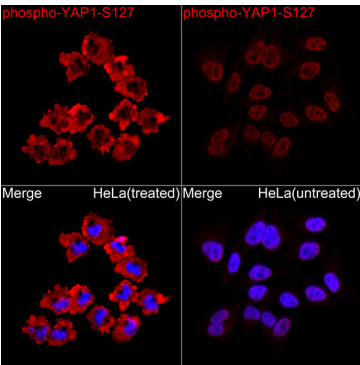
Validation Data



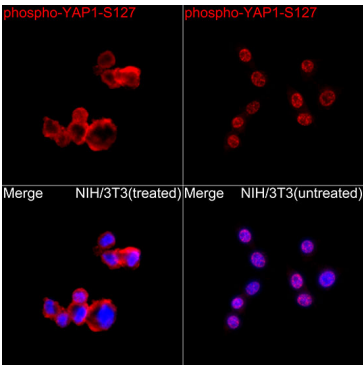
Western blot analysis of lysates from HeLa cells, using Phospho-YAP1-S127 Rabbit mAb (AP1436) at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



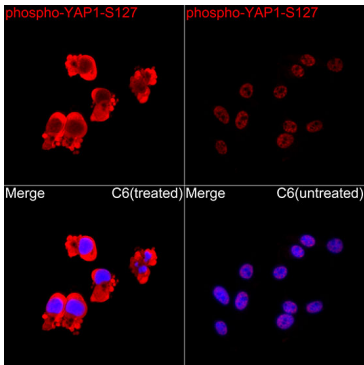
Western blot analysis of lysates from C6 cells, using Phospho-YAP1-S127 Rabbit mAb (AP1436) at 1:1000 dilution. C6 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunofluorescence analysis of puromycin in HeLa cells (treated with CA) and HeLa cells (untreated) using Phospho-YAP1-S127 Rabbit mAb (AP1436) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of puromycin in NIH/3T3 cells (treated with CA) and HeLa cells (untreated) using Phospho-YAP1-S127 Rabbit mAb (AP1436) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of puromycin in C6 cells (treated with CA) and HeLa cells (untreated) using Phospho-YAP1-S127 Rabbit mAb (AP1436) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.