

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

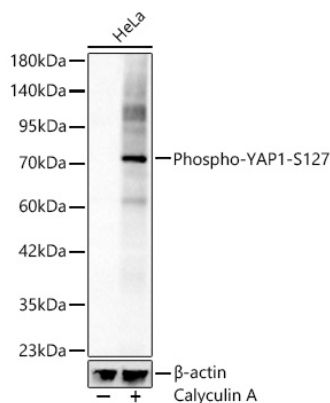
Affinity purification

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.

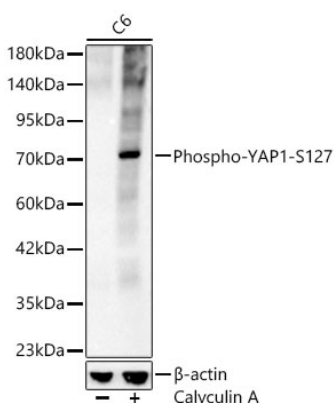
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.

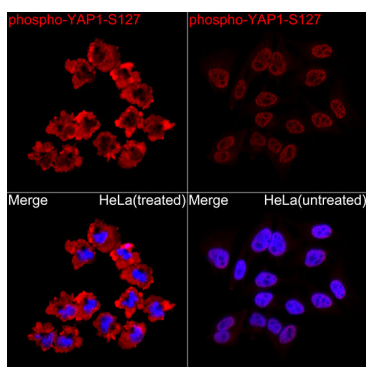
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

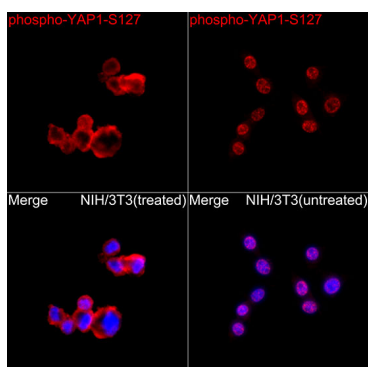
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

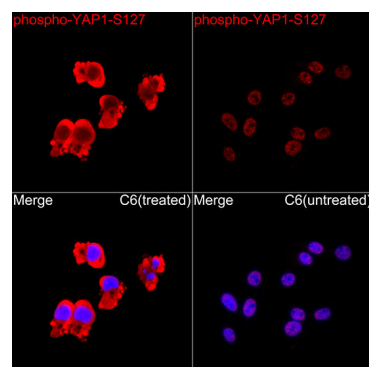
Exposure time: 30s.



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-conjugated 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-conjugated 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-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.