

# [KO Validated] YAP1 Rabbit mAb

Catalog No.: A19134

**KO Validated**

**Recombinant**

**6 Publications**

## Basic Information

### Observed MW

72kDa

### Calculated MW

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

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC, IP

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC53477

## 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

<b>WB</b>	1:2000 - 1:4000
<b>IHC-P</b>	1:100 - 1:500
<b>IF/ICC</b>	1:50 - 1:200
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

## Immunogen Information

### Gene ID

10413

### Swiss Prot

P46937

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 155-504 of human YAP1 (NP\_001123617.1).

### Synonyms

YAP; YKI; COB1; YAP2; YAP-1; YAP65; P1

## Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

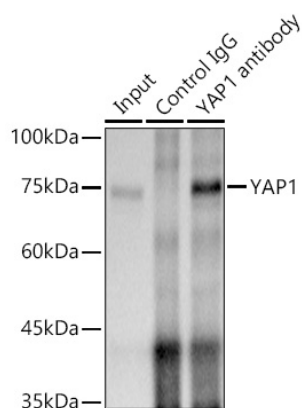
Affinity purification

### Storage

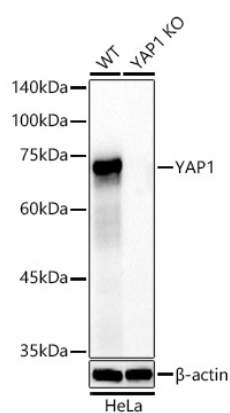
Store at -20°C. Avoid freeze / thaw cycles.

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

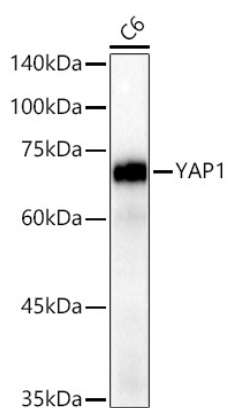
## Validation Data



Immunoprecipitation analysis of 300 µg extracts of A-549 cells using 3 µg YAP1 antibody (A19134). Western blot was performed from the immunoprecipitate using YAP1 antibody (A19134) at a dilution of 1:500.

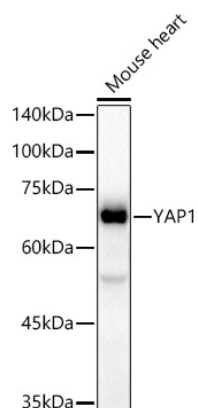


Western blot analysis of lysates from wild type (WT) and YAP1 knockout (KO) HeLa cells, using [KO Validated] YAP1 Rabbit mAb (A19134) at 1:4000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Western blot analysis of lysates from C6 cells, using [KO Validated] YAP1 Rabbit mAb (A19134) at 1:4000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

## Validation Data



Western blot analysis of lysates from Mouse heart, using [KO Validated] YAP1 Rabbit mAb (A19134) at 1:4000 dilution.

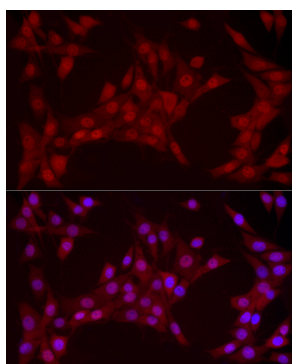
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

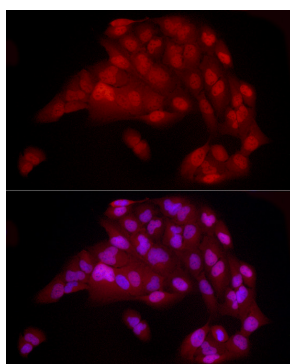
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

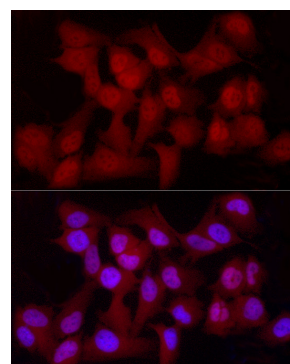
Exposure time: 20s.



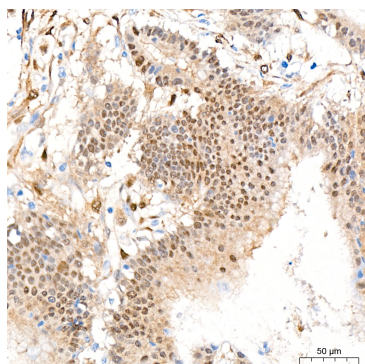
Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



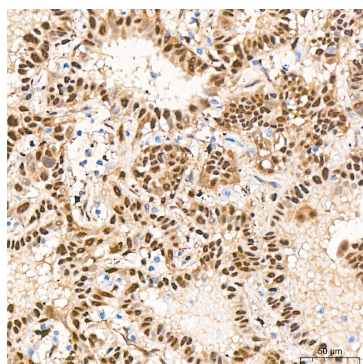
Immunofluorescence analysis of U2OS cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



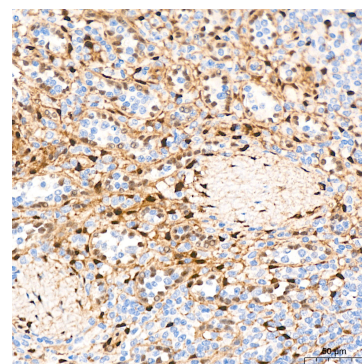
Immunofluorescence analysis of HeLa cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of YAP1 in paraffin-embedded human colon carcinoma tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

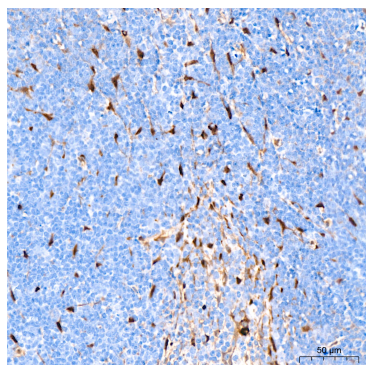


Immunohistochemistry analysis of YAP1 in paraffin-embedded Human lung adenocarcinoma tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

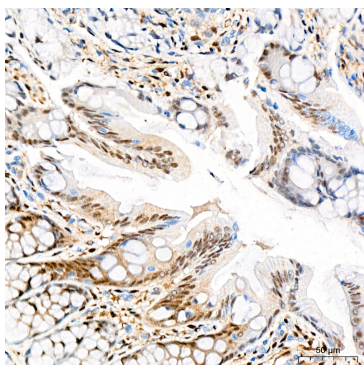


Immunohistochemistry analysis of YAP1 in paraffin-embedded human spleen tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

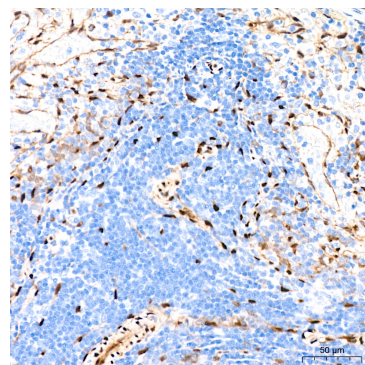
## Validation Data



Immunohistochemistry analysis of YAP1 in paraffin-embedded mouse spleen tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of YAP1 in paraffin-embedded rat colon tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of YAP1 in paraffin-embedded rat spleen tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.