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[KO Validated] YAP1 Rabbit mAb

Catalog No.: A19134 KO Validated Recombinant 24 Publications

Basic Information

Observed MW
70 kDa

Calculated MW
36 kDa-54 kDa

Category
Primary antibody

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

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

WB	1:10000 - 1:40000
IHC-P	1:200 - 1:2000
IF/ICC	1:100 - 1:400
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
10413

Swiss Prot
P46937

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

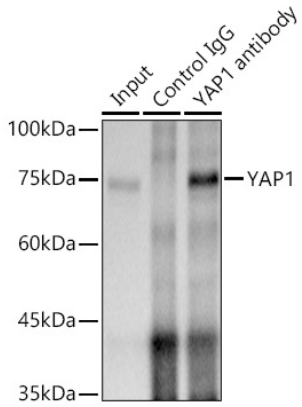
Contact

400-999-6126

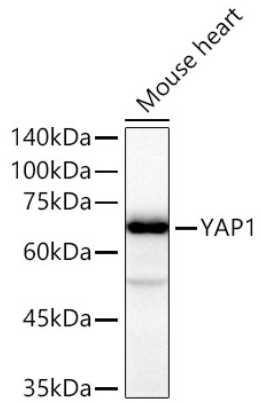
cn.market@abclonal.com.cn

www.abclonal.com.cn

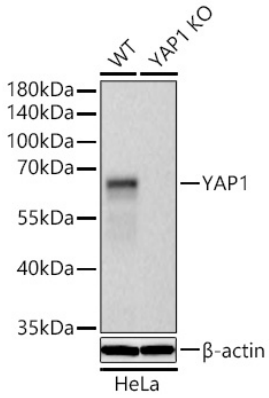
Validation Data



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

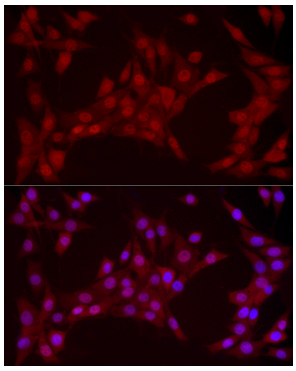


Western blot analysis of lysates from Mouse heart using [KO Validated] YAP1 Rabbit mAb (A19134) at 1:20000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20 s.

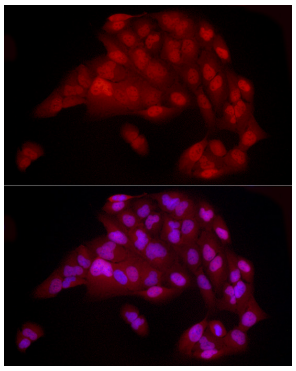


Western blot analysis of lysates from wild type (WT) and YAP1 knockout (KO) HeLa cells using [KO Validated] YAP1 Rabbit mAb (A19134) at 1:10000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.

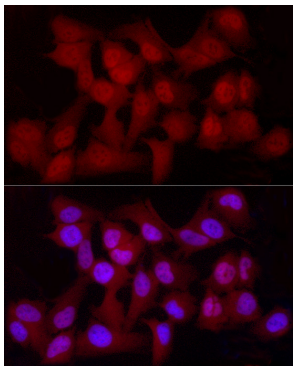
Validation Data



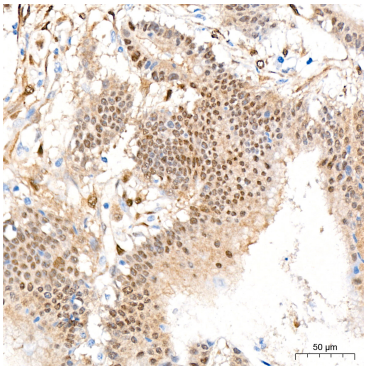
Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



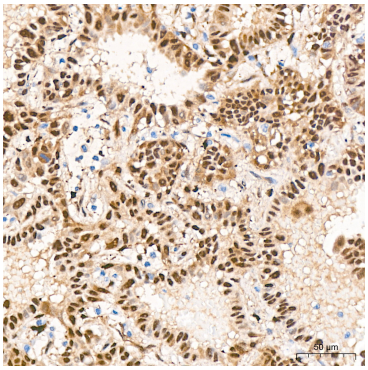
Immunofluorescence analysis of U20S cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



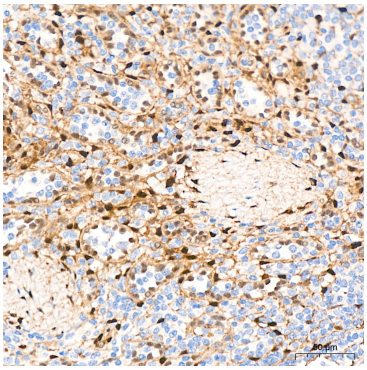
Immunofluorescence analysis of HeLa cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



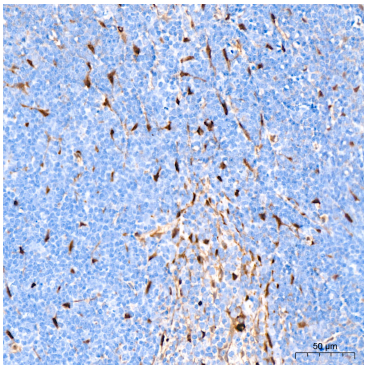
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



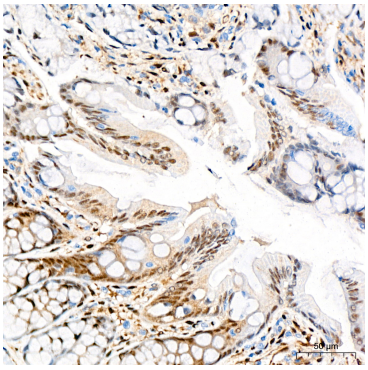
Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



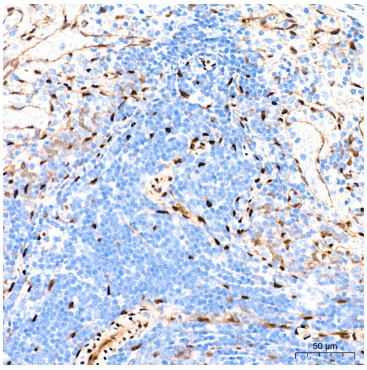
Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



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



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



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