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[KO Validated] YAP1 Rabbit mAb

Catalog No.: A19134 KO Validated Recombinant 4 Publications

Basic Information

Observed MW
72kDa

Calculated MW
36kDa/48kDa/49kDa/50kDa/52kDa/53 kDa/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

WB	1:2000 - 1:4000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200
IP	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

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Product Information

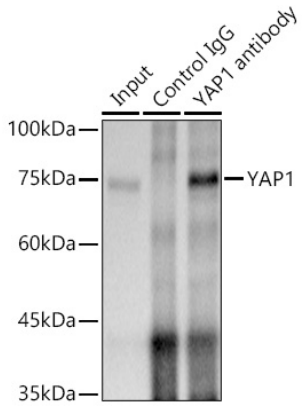
Source
Rabbit

Isotype
IgG

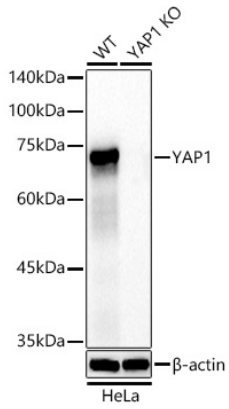
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

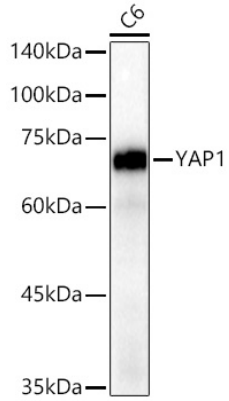
Validation Data



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.

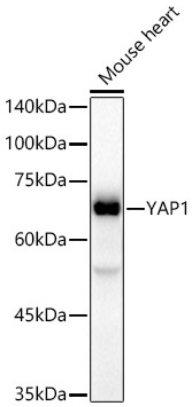


Western blot analysis of lysates from wild type(WT) and YAP1 knockout (KO) HeLa cells, using [KO Validated] YAP1 Rabbit mAb (A19134) at1:4000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

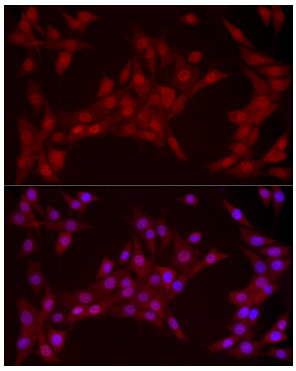


Western blot analysis of lysates from C6 cells, using [KO Validated] YAP1 Rabbit mAb (A19134) at1:4000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

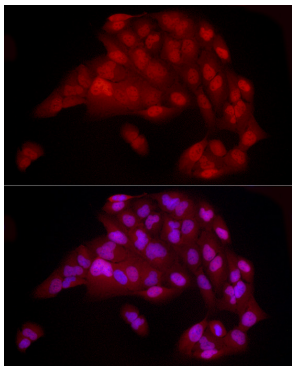
Validation Data



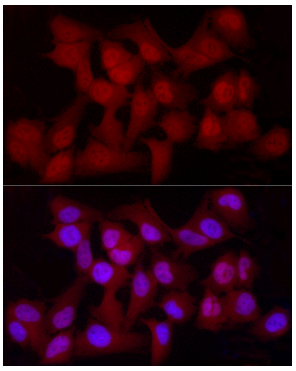
Western blot analysis of lysates from Mouse heart, using [KO Validated] YAP1 Rabbit mAb (A19134) at1:4000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.



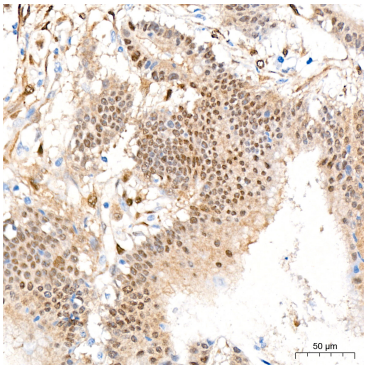
Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



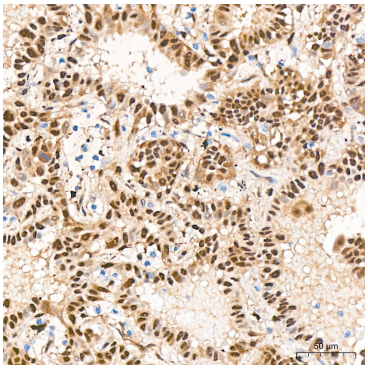
Immunofluorescence analysis of U20S cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



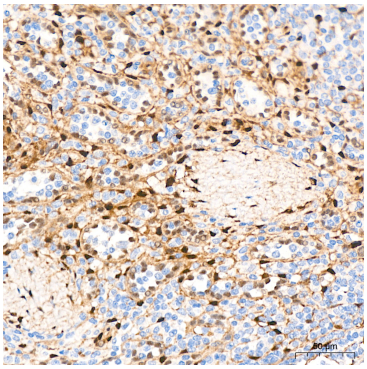
Immunofluorescence analysis of HeLa cells using [KO Validated] YAP1 Rabbit mAb (A19134) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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.

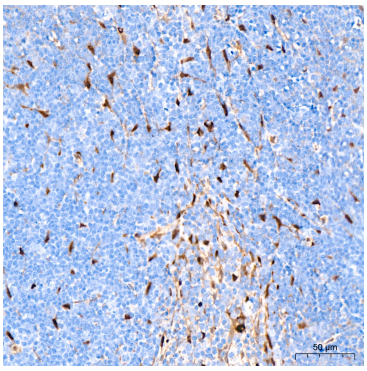


Immunohistochemistry analysis of YAP1 in paraffin-embedded Human lung adenocarcinoma tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

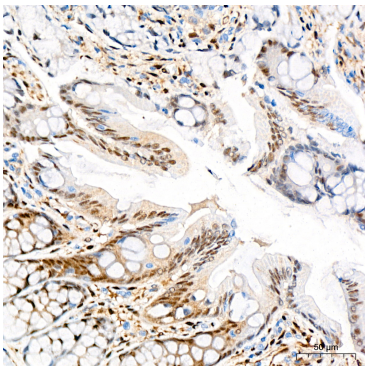


Immunohistochemistry analysis of YAP1 in paraffin-embedded human spleen tissue using [KO Validated] YAP1 Rabbit mAb (A19134) at a dilution of 1:400 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

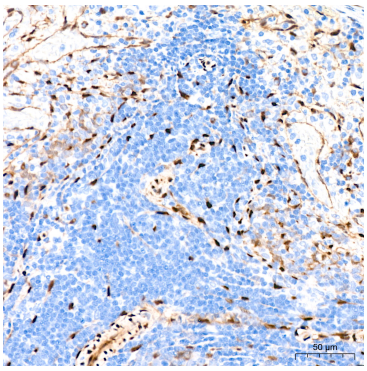
Validation Data



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.