

YAP1 Rabbit pAb

Catalog No.: A1002SP

56 Publications

Basic Information

Observed MW

75 kDa

Calculated MW

36-54 kDa

Category

Primary antibody

Applications

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

Cross-Reactivity

Human, Mouse

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 - 1:3000**IP** 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells**IF/ICC** 1:100 - 1:300**IHC-P** 1:200 - 1:800**ELISA** Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements. For high-
ratio antibody dilutions
(≥1:10000) a sequential
dilution method is
strongly recommended
to ensure measurement
accuracy.

Immunogen Information

Gene ID

10413/22601

Swiss Prot

P46937/P46938

Immunogen

This information is considered to be commercially sensitive.

Synonyms

YAP; YKI; COB1; YAP2; YAP-1; YAP65; YAP1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

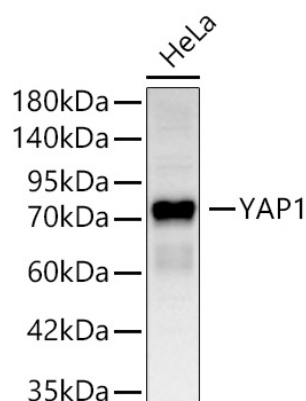
Contact

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Validation Data



Western blot analysis of lysates from HeLa cells using YAP1 Rabbit pAb (A1002SP) at 1:2000 dilution incubated overnight at 4°C.

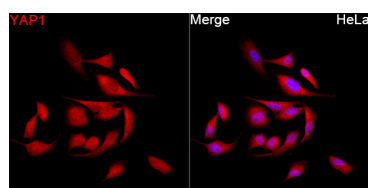
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

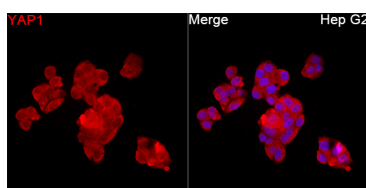
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

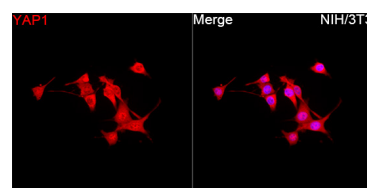
Exposure time: 30 s.



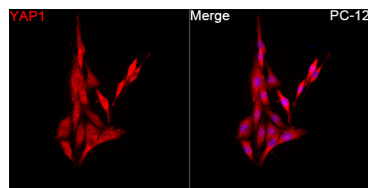
Immunofluorescence analysis of HeLa cells using YAP1 Rabbit pAb (A1002SP) at a dilution of 1:250 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



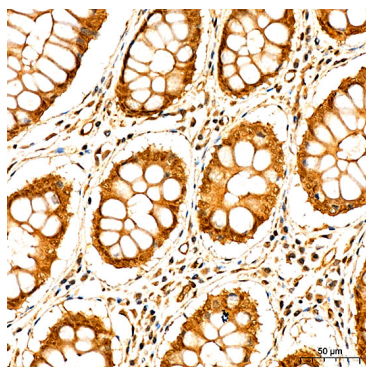
Immunofluorescence analysis of Hep G2 cells using YAP1 Rabbit pAb (A1002SP) at a dilution of 1:1:250 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



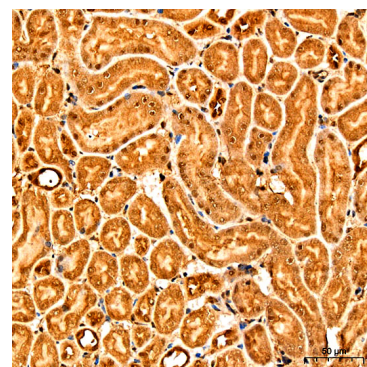
Immunofluorescence analysis of NIH/3T3 cells using YAP1 Rabbit pAb (A1002SP) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



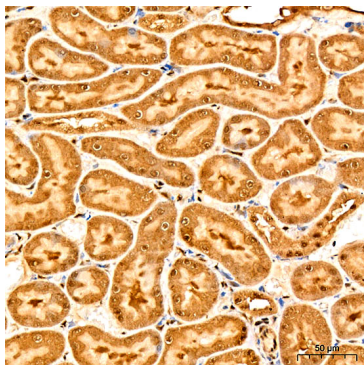
Immunofluorescence analysis of PC-12 cells using YAP1 Rabbit pAb (A1002SP) at a dilution of 1:1:250 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using YAP1 Rabbit pAb (A1002SP) at a dilution of 1:250 (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 kidney tissue using YAP1 Rabbit pAb (A1002SP) at a dilution of 1:250 (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 kidney tissue using YAP1 Rabbit pAb (A1002SP) at a dilution of 1:250 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.