

YAP1 Rabbit pAb

Catalog No.: A1002 **15 Publications**

Basic Information

Catalog No.

A1002

Observed MW

72kDa

Calculated MW

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

Category

Primary antibody

Applications

WB, IHC, IF, IP

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200
IP	1:20 - 1:50

Contact

 | www.abclonal.com

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.

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

COB1;YAP;YAP2;YAP65;YKI;YAP1

Product Information

Source

Rabbit

Isotype

IgG

Purification

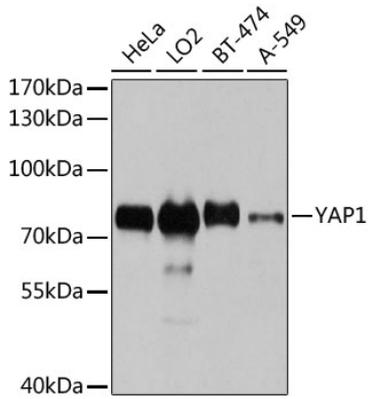
Affinity purification

Storage

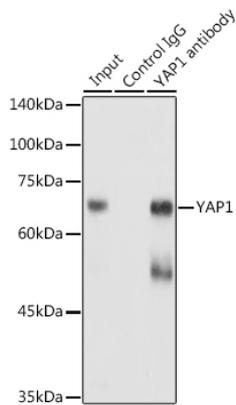
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

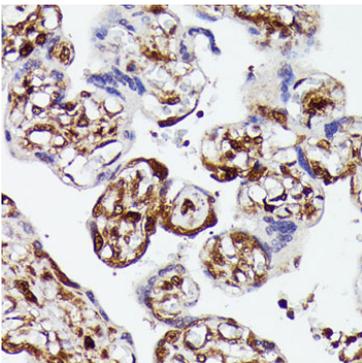
Validation Data



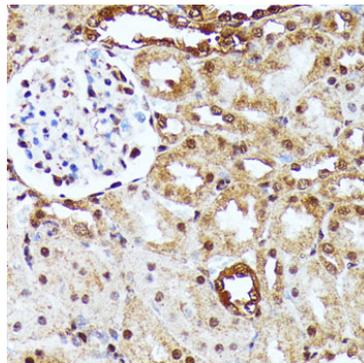
Western blot analysis of extracts of various cell lines, using YAP1 antibody (A1002) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



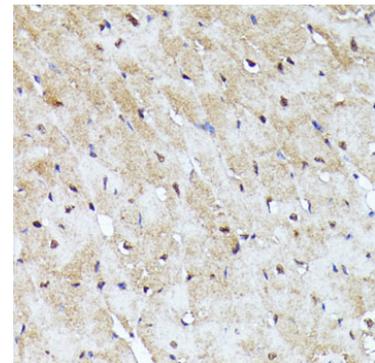
Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug YAP1 antibody (A1002). Western blot was performed from the immunoprecipitate using YAP1 antibody (A1002) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human placenta using YAP1 antibody (A1002) at dilution of 1:100 (40x lens).

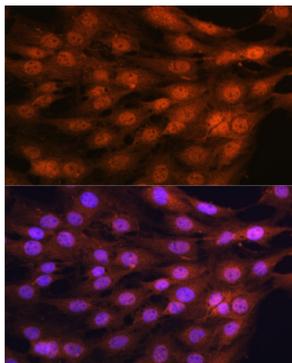


Immunohistochemistry of paraffin-embedded rat kidney using YAP1 antibody (A1002) at dilution of 1:100 (40x lens).

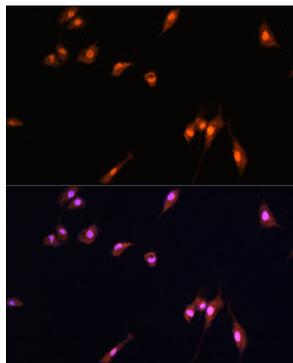


Immunohistochemistry of paraffin-embedded mouse heart using YAP1 antibody (A1002) at dilution of 1:100 (40x lens).

Validation Data



Immunofluorescence analysis of C6 cells using YAP1 antibody (A1002) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using YAP1 antibody (A1002) at dilution of 1:100. Blue: DAPI for nuclear staining.