Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

YAP1 Polyclonal Antibody

Catalog No: tcba657

KO VALIDATED

Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul

Specifications

Application:
WB,IHC,IF,IP

Research Area:
Cancer,Hippo pathway,Developmental Biology,Epigenetics,

Species Reactivity:
Human,Mouse,Rat

Host Species:
Rabbit

Isotype:
IgG

Form:
Liquid

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

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

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Storage Instruction:
Store at -20℃. Avoid freeze / thaw cycles.

Alternative Names:
COB1;YAP;YAP2;YAP65;YKI

SwissProt:
P46937

Gene ID:
10413 (human);

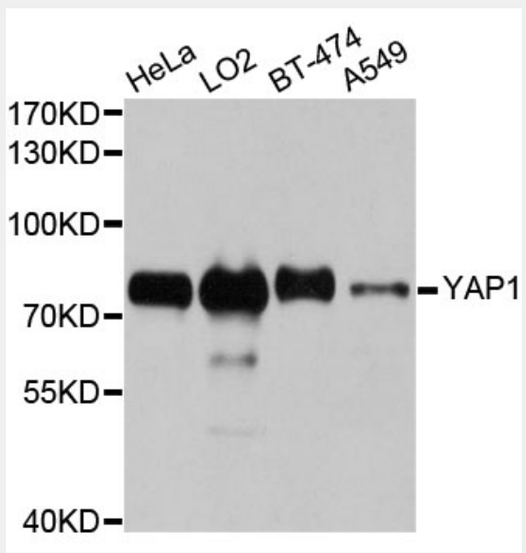
Calculated Molecular Weight:
36kDa/48kDa/49kDa/50kDa/52kDa/53kDa/54kDa

Purification:
Affinity purification

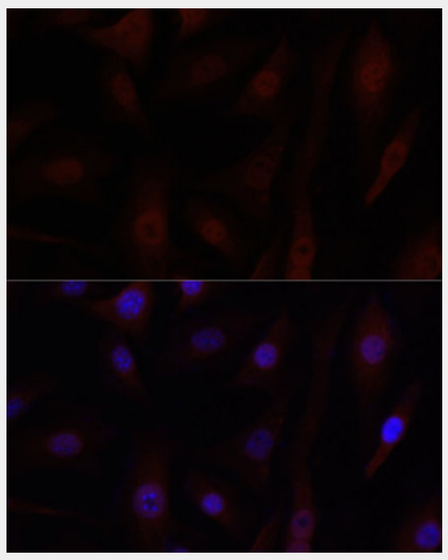
Cellular Location:
Cytoplasm,Nucleus,

Product Description

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.



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



Immunofluorescence analysis of NIH/3T3 cells using YAP1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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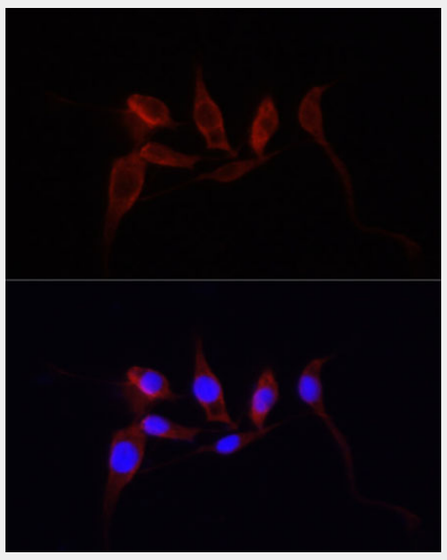
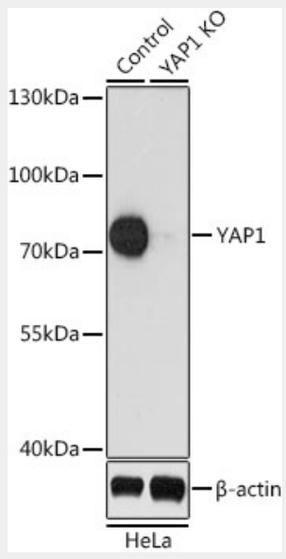
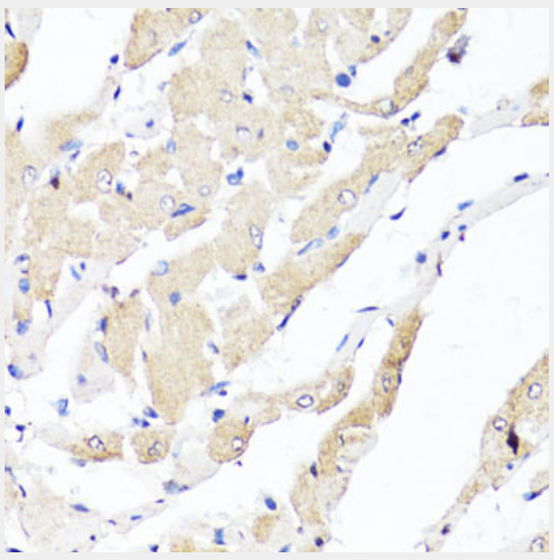


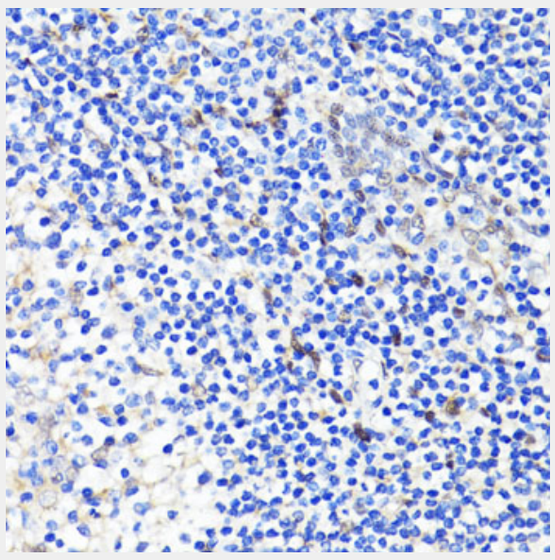
Immunofluorescence analysis of PC12 cells using YAP1 antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



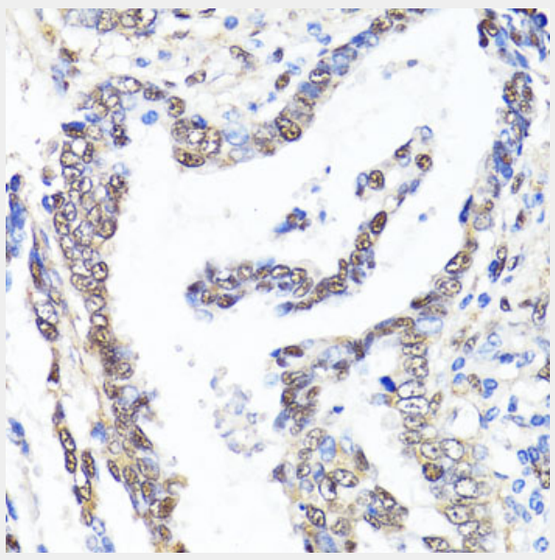
Western blot analysis of extracts from normal (control) and YAP1 knockout (KO) HeLa cells, using YAP1 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit.
Exposure time: 90s.



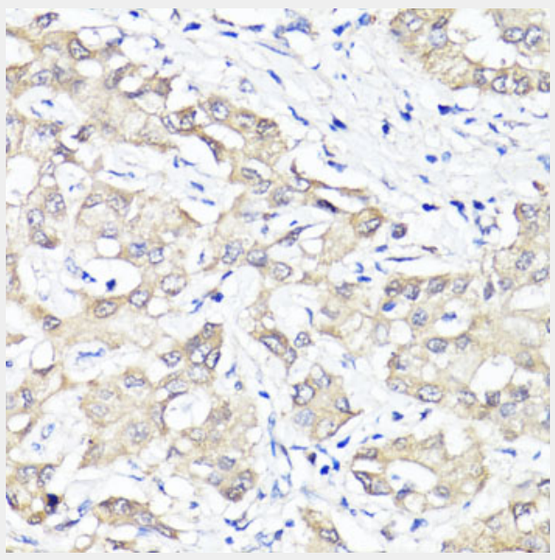
Immunohistochemistry of paraffin-embedded rat heart using YAP1 antibody at dilution of 1:100 (40x lens).



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



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



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

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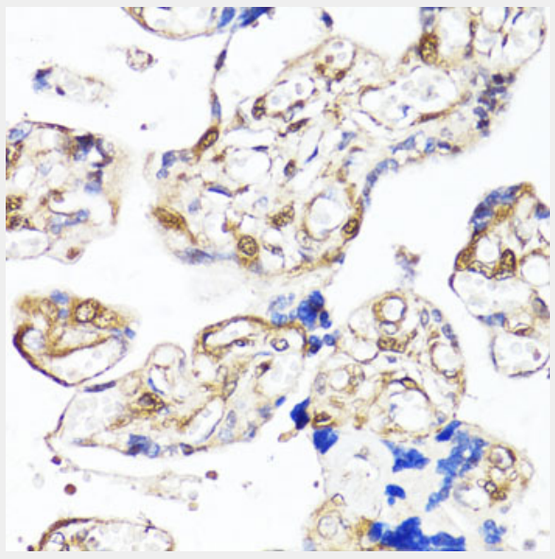
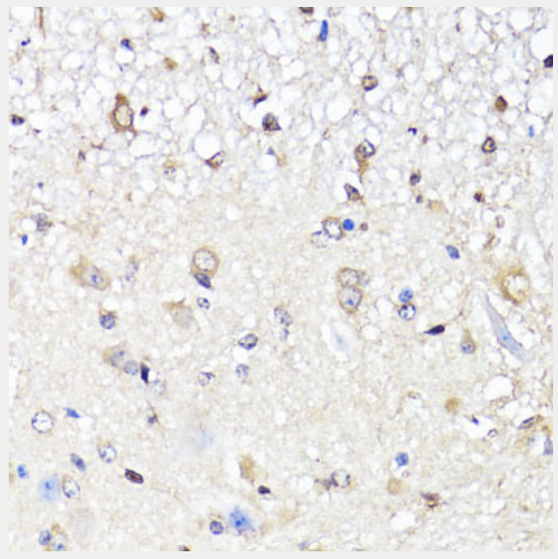
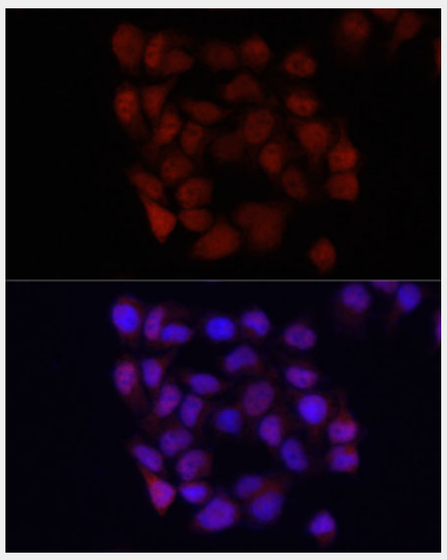


Immunohistochemistry of paraffin-embedded human placenta using YAP1 antibody at dilution of 1:100 (40x lens).



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



Immunofluorescence analysis of HeLa cells using YAP1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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