

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

Storage Instruction:

Store at -20°C. 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:

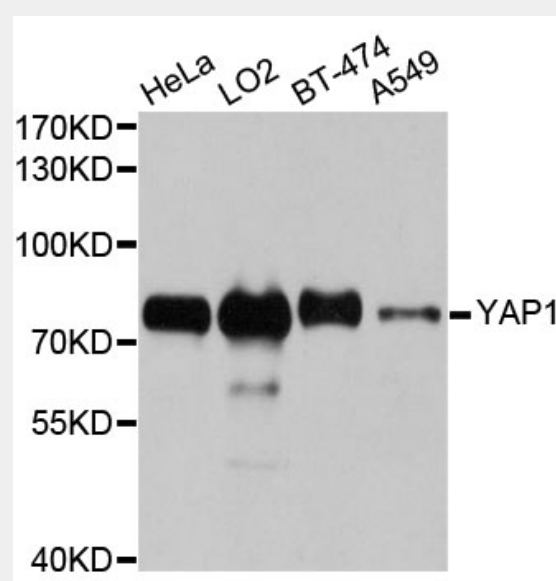
Affinity purification

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.

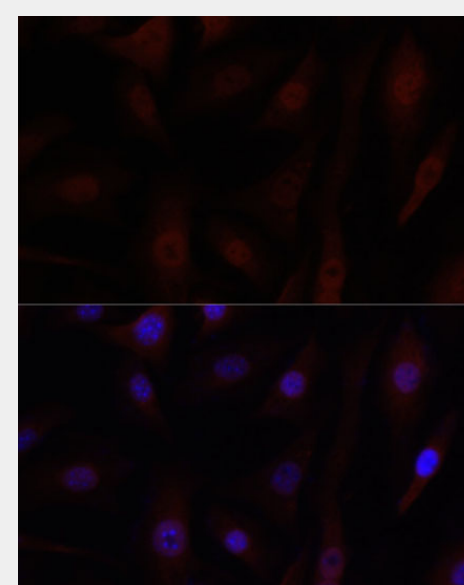
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

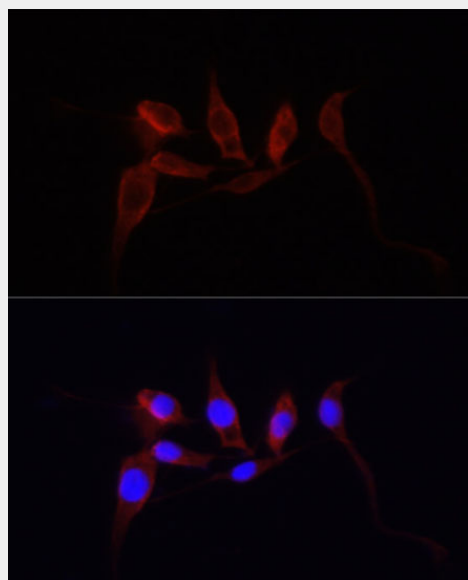
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

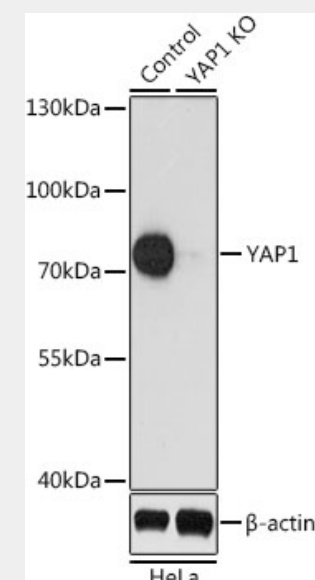
Exposure time: 10s.



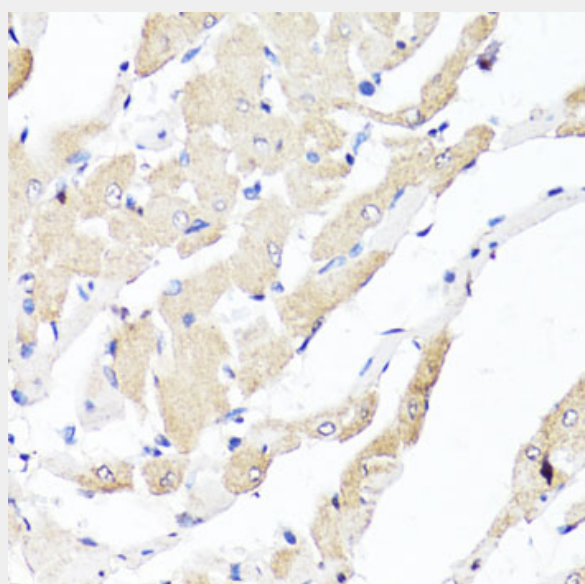
Immunofluorescence analysis of NIH/3T3 cells using YAP1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



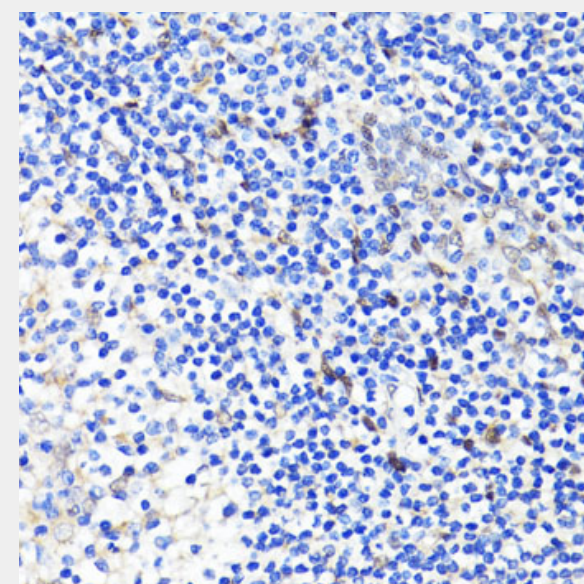
Immunofluorescence analysis of PC12 cells using YAP1 antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



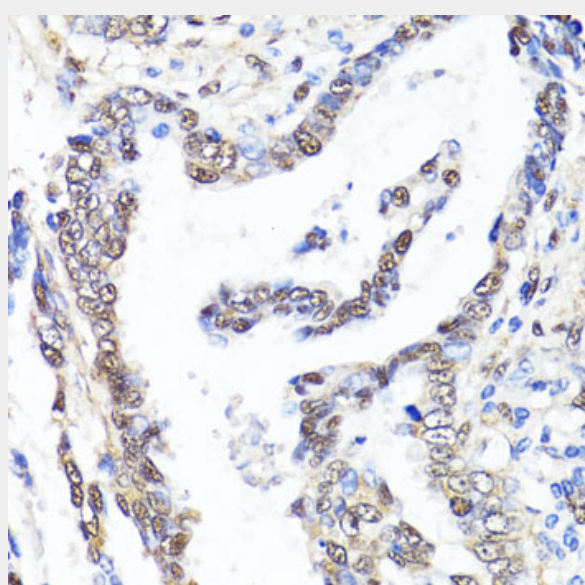
Western blot analysis of extracts from normal (control) and YAP1 knockout (KO) HeLa cells, using YAP1 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced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



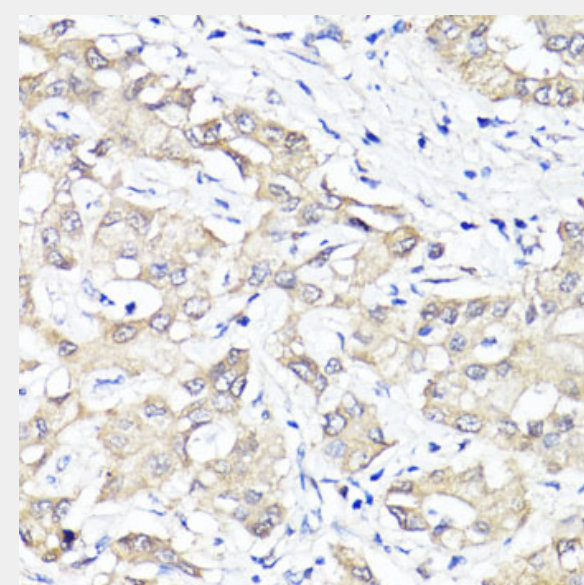
Immunohistochemistry of paraffin-embedded rat heart using YAP1 antibody at dilution of 1:100 (40x lens).



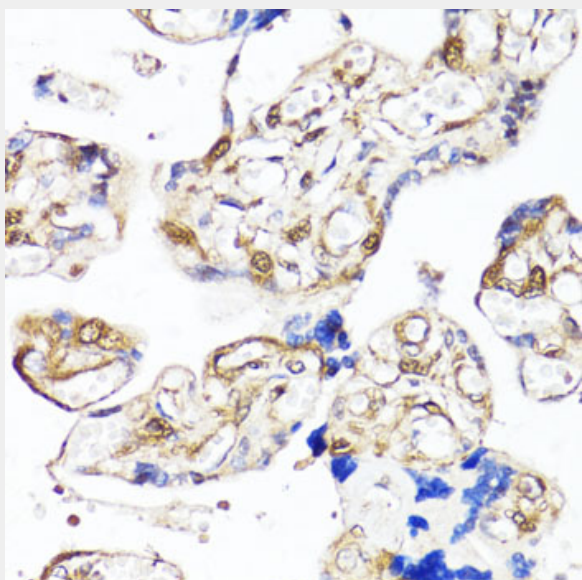
Immunohistochemistry of paraffin-embedded human tonsil using YAP1 antibody at dilution of 1:100 (40x lens).



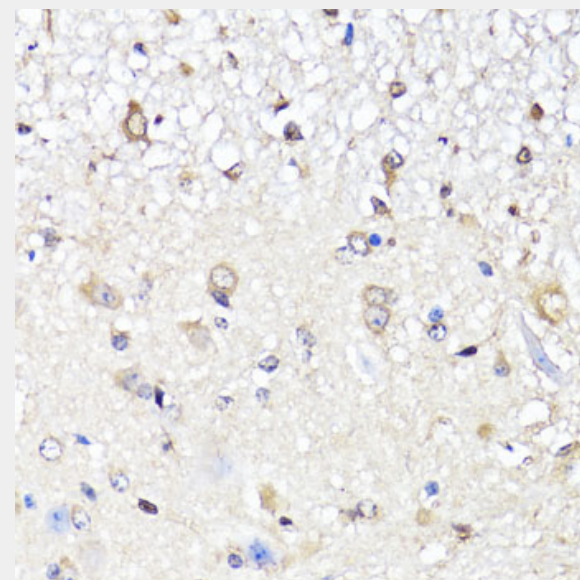
Immunohistochemistry of paraffin-embedded human lung cancer using YAP1 antibody at dilution of 1:100 (40x lens).



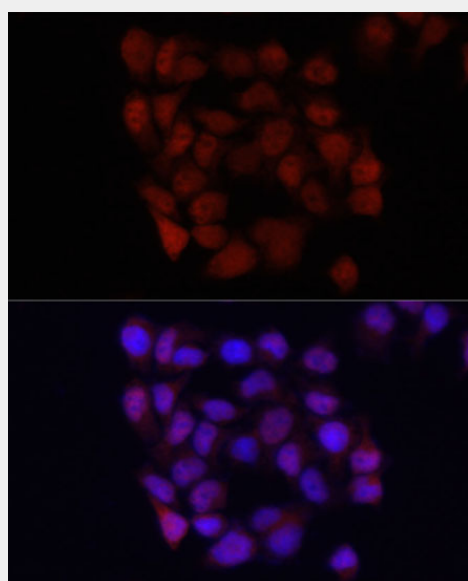
Immunohistochemistry of paraffin-embedded human liver cancer using YAP1 antibody at dilution of 1:100 (40x lens).



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.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!