[KO Validated] YAP1 Rabbit mAb

Catalog No.: A22385 KO Validated Recombinant



Basic Information

Observed MW

73kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

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

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC53470

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 1:50 - 1:200

IF/ICC 1:50 - 1:200

IP 0.5μg-4μg antibody for

200μg-400μg extracts of

whole cells

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Contact

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•	www.abclonal.com.cn

Immunogen Information

Gene ID Swiss Prot 10413 P46937

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

YAP; YKI; COB1; YAP2; YAP-1; YAP65; P1

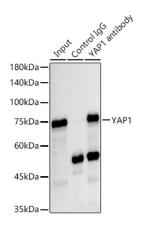
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

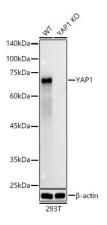
Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation analysis of 300 μ g extracts of HeLa cells using 3 μ g YAP1 antibody (A22385). Western blot was performed from the immunoprecipitate using YAP1 (A22385) at a dilution of 1:2000.



Western blot analysis of lysates from wild type (WT) and YAP1 knockout (KO) HeLa(KO) cells, using [KO Validated] YAP1 Rabbit mAb (A22385) at 1:4000 dilution.

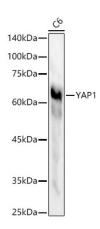
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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 various lysates, using [KO Validated] YAP1 Rabbit mAb (A22385) at 1:4000 dilution.

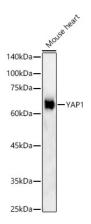
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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 Mouse heart, using [KO Validated] YAP1 Rabbit mAb (A22385) at 1:4000 dilution

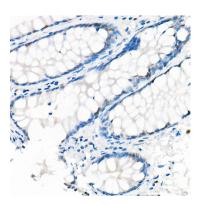
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

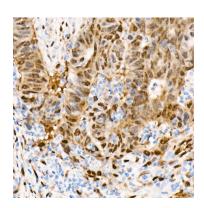
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

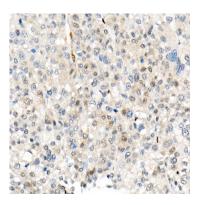
Exposure time: 10s.



Immunohistochemistry analysis of paraffinembedded Human colon (low expression samples) using [KO Validated] YAP1 Rabbit mAb (A22385) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human colon carcinoma using [KO Validated] YAP1 Rabbit mAb (A22385) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver cancer using [KO Validated] YAP1 Rabbit mAb (A22385) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.