

phospho-YAP1-S397 Rabbit pAb

Catalog No.: AP0922 **4 Publications**

Basic Information

Observed MW

75kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

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 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

10413

Swiss Prot

P46937

Immunogen

A synthetic phosphorylated peptide around S397 of human YAP1 (NP_001123617.1).

Synonyms

YAP; YKI; COB1; YAP2; YAP-1; YAP65; phospho-YAP1-S397

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

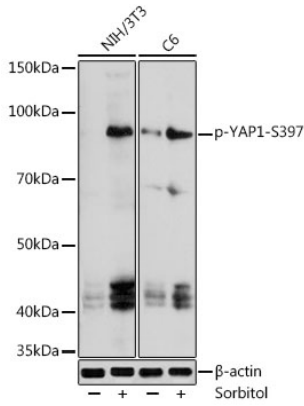
Affinity purification

Storage

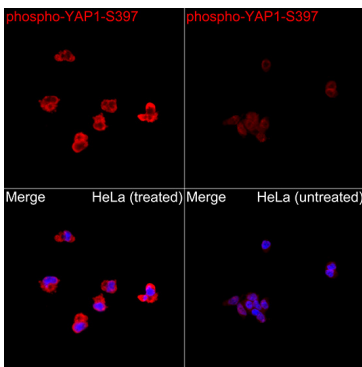
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using phospho-YAP1-S397 Rabbit pAb (AP0922) at 1:1000 dilution. NIH3T3 cells and C6 cells were treated by Sorbitol (0. 2M) at 37°C for 60 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 1s.



Immunofluorescence analysis of HeLa cells (treated with CA) and HeLa cells (untreated) using phospho-YAP1-S397 Rabbit pAb (AP0922) 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.