



Datasheet for ABIN6972915 anti-YAP1 antibody (C-Term)

2 Images



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Overview

Quantity: 100 µL

Target: YAP1

Binding Specificity: C-Term

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Application: Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen: This YAP1 antibody was raised against a peptide corresponding to the C-terminal region of human YAP1.

Isotype: IgG

Characteristics: YAP1 (Yes-associated protein 1, YAP, YKI, YAP2, YAP65) is a transcriptional regulator which can act both as a coactivator and a corepressor and is the critical downstream regulatory target in the Hippo signaling pathway that plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. Is a critical modulator of epidermal stem cell proliferation. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncprotein and WWTR1/TAZ. Plays a key role to control cell proliferation in response to cell contact. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell

Product Details

migration. The presence of TEAD transcription factors are required for it to stimulate gene expression, cell growth, anchorage-independent growth, and epithelial mesenchymal transition (EMT) induction. YAP1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot, it has been shown to react with Human samples.

Purification: Affinity Purified

Target Details

Target: YAP1

Alternative Name: YAP1 ([YAP1 Products](#))

Molecular Weight: 75 kDa

NCBI Accession: [NP_001123617](#)

Pathways: [MAPK Signaling](#), [Stem Cell Maintenance](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

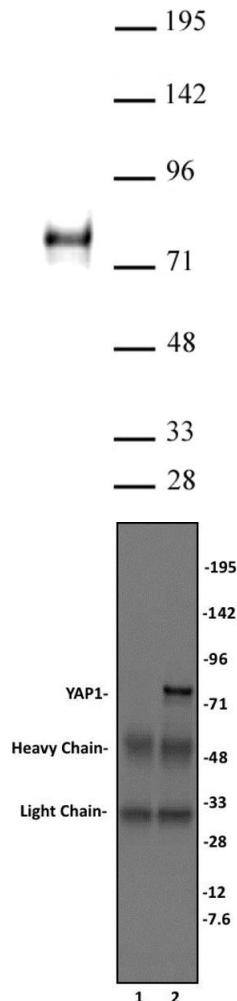
Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. YAP1 antibody (pAb) tested by Western blot. YAP1 detection by Western blot. The analysis was performed using 40 µg HeLa whole-cell extract and YAP1 at a 1:500 dilution.

Immunoprecipitation

Image 2. YAP1 antibody (pAb) tested by Immunoprecipitation. 10 µL of YAP1 antibody was used to immunoprecipitate YAP1 from 400 µg of HeLa whole cell extract (lane 2). 10 µL of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the YAP1 antibody at a dilution of 1:500.