
Product Name: KO-Validated Phospho-YAP1 (S127) Recombinant Rabbit Monoclonal Antibody**Catalog #: KVAAb00093**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:4,000-1:20,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 54.5kDa

Antigen Information

Gene Name	YAP1
Alternative Names	YAP1; Yes1 Associated Transcriptional Regulator; YAP65; YAP-1; Yes-Associated Protein YAP65 Homolog; Transcriptional Coactivator YAP1; Yes Associated Protein 1; Protein Yorkie Homolog; Yes-Associated Protein 1, 65kDa; 65 KDa Yes-Associated Protein; Yes-Associated Protein 2; Yes-Associated Protein 1; Yorkie Homolog; COB1; YAP2; YAP; YKI
Gene ID	10413.0
SwissProt ID	P46937
Immunogen	A synthesized peptide derived from human Phospho-YAP1 (S127)

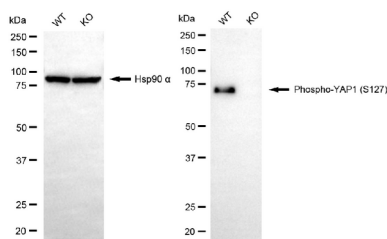
Background

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. [provided by RefSeq, Aug 2013]

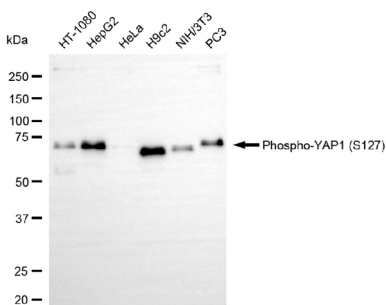
Research Area

Signal Transduction, Epigenetics and Nuclear Signaling, Cancer

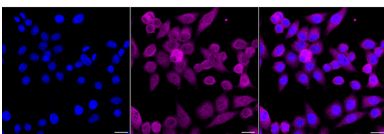
Image Data



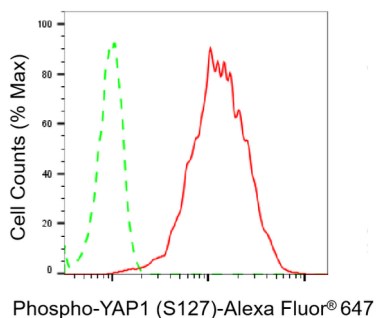
Western blotting analysis using phospho-YAP1 (S127) antibody (KVA00093). Phospho-YAP1 (S127) expression in wild type (WT) and YAP1 knockout (KO) HSHC cells with 40 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with phospho-YAP1 (S127) antibody (KVA00093, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using phospho-YAP1 (S127) antibody (KVA00093). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with phospho-YAP1 (S127) antibody (KVA00093, 1:20,000) and HRP-conjugated goat anti rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Phospho-YAP1 (S127) antibody (KVA00093, 1:1,000). Nuclei were stained blue with DAPI; Phospho-YAP1 (S127) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of Phospho-YAP1 (S127) expression in HepG2 cells using Phospho-YAP1 (S127) antibody (KVA00093, 1:2,000). Green, isotype control; red, Phospho-YAP1 (S127).