

Phospho-YAP1 (S127) Recombinant Antibody



RACO0087

Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

WB:1:500-1:5000, IHC:1:50-1:200

Protein Background:

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. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, 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 oncoprotein and WWTR1/TAZ.

Gene ID:

YAP1

Uniprot

P46937

Synonyms:

Transcriptional coactivator YAP1, Protein yorkie homolog, Yes-associated protein YAP65 homolog, YAP1, YAP65

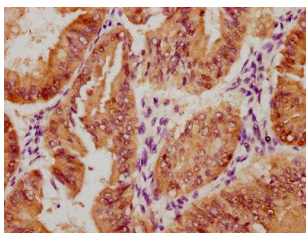
Immunogen:

A synthesized peptide derived from human Phospho-YAP1 (S127).

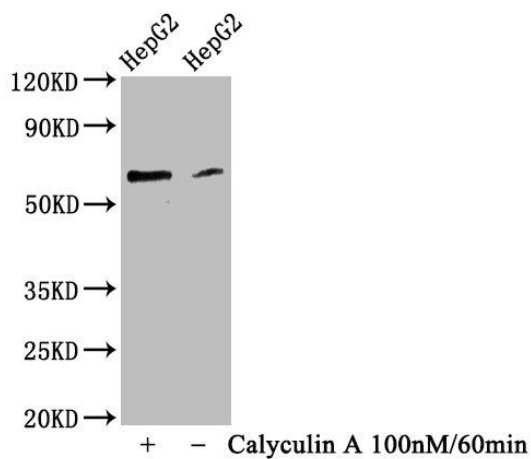
Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



IHC image of RACO0087 diluted at 1:100 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blot

Positive WB detected in(HepG2 whole cell lysate) (treated with Calyculin A or not)

All lanes: Phospho-YAP1 antibody at 0. (3μg/ml)

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 65 KDa

Observed band size: 65 KDa