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**Product Name: Phospho-YAP (Ser127) Rabbit Polyclonal Antibody****Catalog #: APRab00954**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Rabbit polyclonal Antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IHC,ICC/IF  |
| <b>Reactivity</b>    | Human,Mouse,Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Phosphorylated   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Polyclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 1mg/ml   |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                    |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:100-1:200 |
| <b>Molecular Weight</b> | Calculated MW: 54 kDa; Observed MW: 65 kDa        |

**Antigen Information**

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | YAP1  |
| <b>Alternative Names</b> | YAP1; YAP65; Yorkie homolog; 65 kDa Yes-associated protein; YAP65           |
| <b>Gene ID</b>           | 10413   |
| <b>SwissProt ID</b>      | P46937  |
| <b>Immunogen</b>         | A synthetic Phosphorylated peptide corresponding to residues target protein |

**Background**

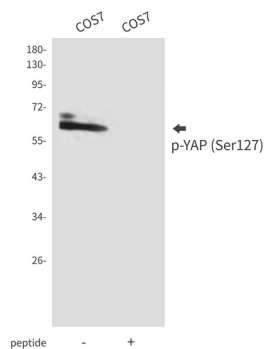
YAP (Yes-associated protein, YAP65) was identified based on its ability to associate with the SH3 domain of Yes. Transcriptional regulator which can act both as a coactivator and a corepressor and is the critical downstream regulatory target in the Hippo

signaling pathway that plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis.

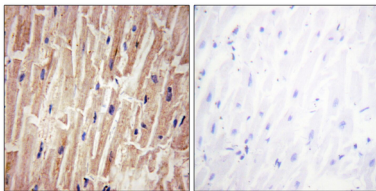
## Research Area

Signal Transduction

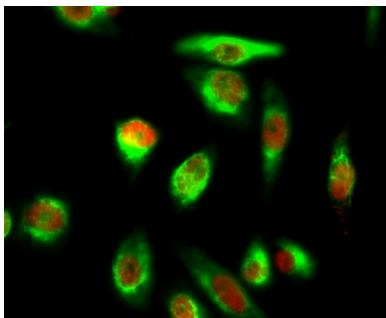
## Image Data



Western blot analysis of Phospho-YAP (Ser127) in COS7 lysates using Phospho-YAP (Ser127) antibody.



Immunohistochemistry analysis of paraffin-embedded Human heart using YAP (Phospho-Ser127) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of Phospho-YAP (Ser127) in HeLa cells using YAP (Phospho-Ser127) antibody (green) and beta-tubulin antibody (red).