

For Research Use Only

# Phospho-YAP1 (Ser397) Recombinant antibody, PBS Only

Catalog Number: 80694-3-PBS



## Basic Information

Catalog Number:

80694-3-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC038235

GeneID (NCBI):

10413

UNIPROT ID:

P46937

Full Name:

Yes-associated protein 1, 65kDa

Calculated MW:

504 aa, 54 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

250306F11

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

The transcriptional factors Yes-associated protein 1 (YAP1) and PDZ-binding motif (TAZ) act as downstream effectors of the Hippo pathway, and their subcellular location and transcriptional activities are affected by multiple post-translational modifications (PTMs). After phosphorylation, YAP1/TAZ binds to the 14-3-3 protein, which induces cytoplasmic retention of YAP1/TAZ. Moreover, phosphorylated YAP1/TAZ is likely to undergo ubiquitination degradation that is dependent on the  $\beta$ -transducin repeat-containing E3 ubiquitin protein ligase complex. The phosphorylation of YAP at Ser127 promotes its cytoplasmic retention, whereas phosphorylation at Ser397 induces degradation. (PMID: 29682330, PMID: 26039999)

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

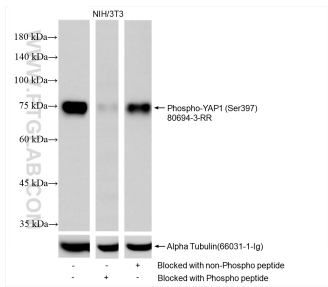
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



NIH/3T3 cell lysates were subjected to SDS PAGE followed by western blot with 80694-3-RR (Phospho-YAP1 (Ser397) antibody) blocked with BSA only, Phospho-YAP1 (Ser397) peptide or non-Phospho peptide at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 80694-3-PBS in a different storage buffer

