# Phospho-YAP1-S127 Rabbit mAb

Catalog No.: AP1552 Recombinant



## **Basic Information**

#### **Observed MW**

75kDa

### **Calculated MW**

54kDa

### Category

Primary antibody

# **Applications**

WB,IHC-P,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC3313

# **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.

# **Recommended Dilutions**

**WB** 1:20000 - 1:40000

IHC-P 1:200 - 1:800

**ELISA** Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID Swiss Prot** 10413 P46937

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

YAP; YKI; COB1; YAP2; YAP-1; YAP65

### **Contact**

<u>a</u>	400-999-6126
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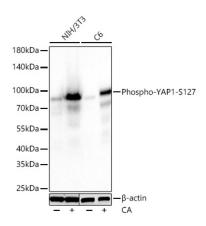
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of various lysates using Phospho-YAP1-S127 Rabbit mAb (AP1552) at 1:20000 dilution incubated at room temperature for 1.5 hours. NIH/3T3 and C6 cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.

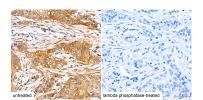
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

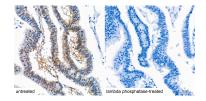
Lysates/proteins: 30 µg per lane.

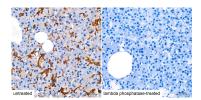
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

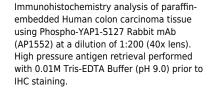
Exposure time: 60s.

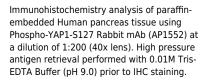


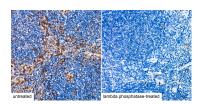




Immunohistochemistry analysis of paraffinembedded Human breast cancer tissue using Phospho-YAP1-S127 Rabbit mAb (AP1552) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.







Immunohistochemistry analysis of paraffinembedded Mouse spleen tissue using Phospho-YAP1-S127 Rabbit mAb (AP1552) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.