

phospho-YAP1-S127 Rabbit mAb

Catalog No.: AP1398 **Recombinant** **2 Publications**

Basic Information

Observed MW

75kDa

Calculated MW

54kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC3136

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 1:10000 - 1:20000

IHC-P 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

10413

Swiss Prot

P46937

Immunogen

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

Synonyms

YAP; YKI; COB1; YAP2; YAP-1; YAP65; phospho-YAP1-S127

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

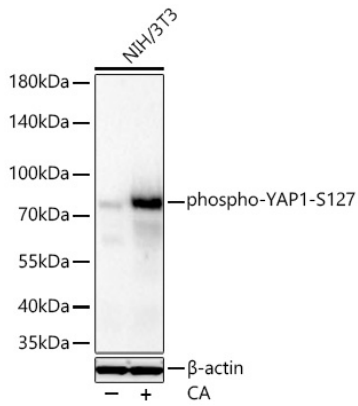
Affinity purification

Storage

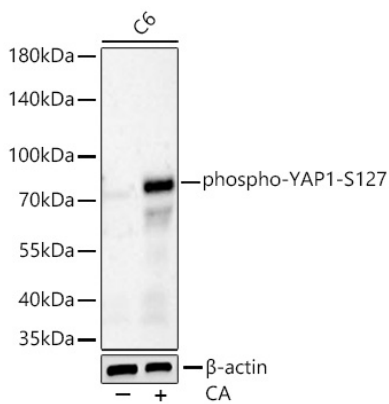
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% Sodium azide,0.05% BSA,40% glycerol,pH7.2.

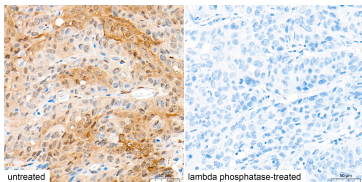
Validation Data



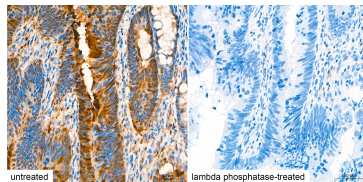
Western blot analysis of lysates from NIH/3T3 cells using phospho-YAP1-S127 Rabbit mAb (AP1398) at 1:20000 dilution incubated at room temperature for 1.5 hours. NIH/3T3 cells were treated with CA (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
 Secondary antibody: HRP-conjugated Goat 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: 90s.



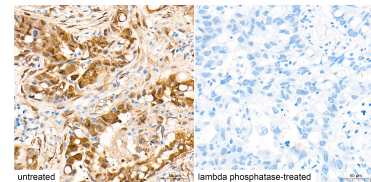
Western blot analysis of lysates from C6 cells using phospho-YAP1-S127 Rabbit mAb (AP1398) at 1:20000 dilution incubated at room temperature for 1.5 hours. C6 cells were treated with CA (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit 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: 180s.



Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue, untreated (left) and lambda phosphatase-treated (right), using phospho-YAP1-S127 Rabbit mAb (AP1398) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

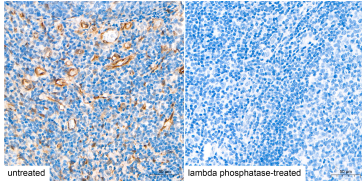


Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue, untreated (left) and lambda phosphatase-treated (right), using phospho-YAP1-S127 Rabbit mAb (AP1398) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

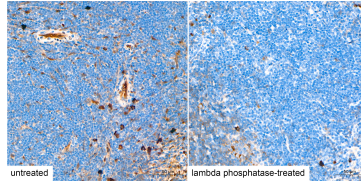


Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue, untreated (left) and lambda phosphatase-treated (right), using phospho-YAP1-S127 Rabbit mAb (AP1398) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

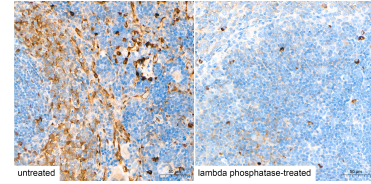
Validation Data



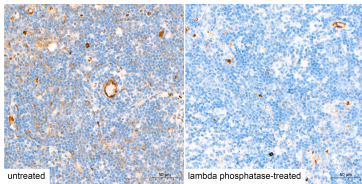
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue, untreated (left) and lambda phosphatase-treated (right), using phospho-YAP1-S127 Rabbit mAb (AP1398) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue, untreated (left) and lambda phosphatase-treated (right), using phospho-YAP1-S127 Rabbit mAb (AP1398) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue, untreated (left) and lambda phosphatase-treated (right), using phospho-YAP1-S127 Rabbit mAb (AP1398) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat thymus tissue, untreated (left) and lambda phosphatase-treated (right), using phospho-YAP1-S127 Rabbit mAb (AP1398) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.