

Phospho-YAP1 (Ser127) Recombinant Rabbit mAb

Catalog Number: bsm-52214R

Target Protein: Phospho-YAP1 (Ser127)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 1H12

Isotype: IgG

Applications: WB (1:500-5000), IHC-P (1:50-200), IHC-F (1:50-200), IF (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 55 kDa

Entrez Gene: 10413

Swiss Prot: P46937

Source: KLH conjugated Synthesised phosphopeptide derived from human YAP around the phosphorylation site of Ser127: AH(p-S)SP.

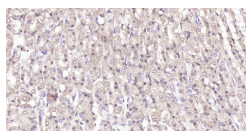
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

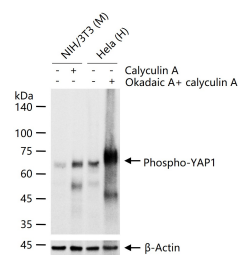
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the human ortholog of chicken YAP protein which binds to the SH3 domain of the Yes proto-oncogene product. This protein contains a WW domain that is found in various structural, regulatory and signaling molecules in yeast, nematode, and mammals, and may be involved in protein-protein interaction. [provided by RefSeq].

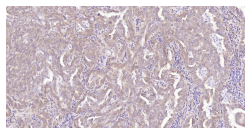
VALIDATION IMAGES



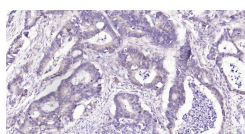
Paraformaldehyde-fixed, paraffin embedded Rat Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-YAP1 (Ser127) Monoclonal Antibody, Unconjugated(bsm-54797R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



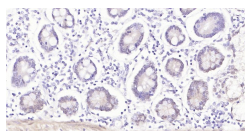
NIH/3T3 (M) cells were treated with or without Calyculin A (100ng/ml) for 30 min, HeLa (H) cells were treated with or without Okadaic A+ calyculin A (100 nM) for 60 min, 25 µg total protein per lane of cell lysates (see on figure) probed with Phospho-YAP1 monoclonal antibody, unconjugated (bsm-52214R) at 1:5000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



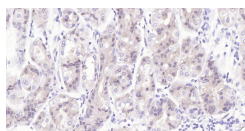
Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-YAP1 (Ser127) Monoclonal Antibody, Unconjugated(bsm-54797R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-YAP1 (Ser127) Monoclonal Antibody, Unconjugated(bsm-54797R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Duodenum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-YAP1 (Ser127) Monoclonal Antibody, Unconjugated(bsm-54797R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Fundus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-YAP1 (Ser127) Monoclonal Antibody, Unconjugated(bsm-54797R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=10.317] Qi Yang. et al. A novel biodegradable external stent regulates vein graft remodeling via the Hippo-YAP and mTOR signaling pathways. *Biomaterials*. 2020 Nov;258:120254 WB,IF,IHC ; Rat . 32805499

[IF=6.691] Zhao, Boyuan. et al. Suspension state and shear stress enhance breast tumor cells EMT through YAP by microRNA-29b. 2021 Oct 07 WB ; Human . 34618275

[IF=6.78] Lan Feng. et al. Dapagliflozin delays renal fibrosis in diabetic kidney disease by inhibiting YAP/TAZ activation. *LIFE SCI*. 2023 Jun;322:121671 WB ; Human,Rat . 37023953

[IF=5.6] Li Liu. et al. Involvement of Yes-Associated Protein 1 Activation in the Matrix Degradation of Human-Induced-Pluripotent-Stem-Cell-Derived Chondrocytes Induced by T-2 Toxin and Deoxynivalenol Alone and in Combination. *INT J MOL SCI*. 2024 Jan;25(2):878 WB ; Human . 10.3390/ijms25020878

[IF=4.755] Manlin He. et al. Polydatin attenuates tubulointerstitial fibrosis in diabetic kidney disease by inhibiting YAP expression and nuclear translocation.. *FRONT PHYSIOL*. 2022 Oct;13:927794-927794 WB ; Rat . 36277194