

bsm-52214R**[Primary Antibody]****phospho-YAP1 (Ser127) Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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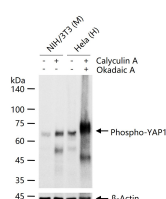
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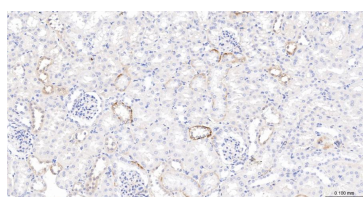
400-901-9800

— DATASHEET —

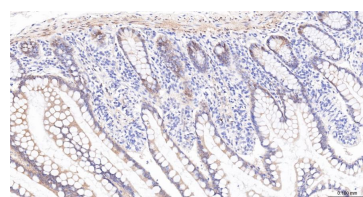
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-5000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 55 kDa Observed MW.: 65 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 1H12	
GeneID: 10413	SWISS: P46937	
Target: YAP1 (Ser127)		
Immunogen: A synthesized peptide derived from human YAP1 around the phosphorylation site of S127: AH-pS-SP.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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 —

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 Mouse kidney; 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 bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human small intestine; 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 bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[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=6.78]** 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=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=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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[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