

**bsm-52214R****[ Primary Antibody ]****phospho-YAP1 (Ser127) Recombinant Rabbit mAb****Bioss**  
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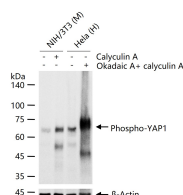
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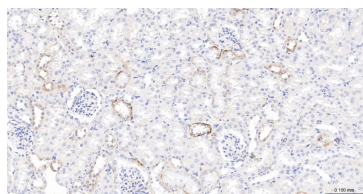
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**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.

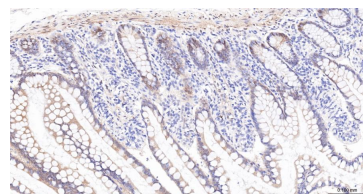
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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].**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**Subcellular Location:** Cytoplasm ,Nucleus**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=6.691]** 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

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