



YAP Rabbit mAb

Catalog No	YP-rAb-17814
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	YAP1
Protein Name	Yorkie homolog
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:100-1:500; WB 1:500-1:2000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	YAP;Yorkie homolog;YAP1 ; YAP65 ; Yorkie homolog ; 65 kDa Yes-associated protein ; YAP65;YAP1
Observed Band	55-75kD
Calculated Molecular Weight	55kD
Cell Pathway	Cytoplasm, Nucleus
Tissue Specificity	Increased expression seen in some liver and prostate cancers. Isoforms lacking the transactivation domain found in striatal neurons of patients with Huntington disease (at protein level).
Function	PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 WW domain.,subunit:Binds to the SH3 domain of the YES kinase. Binds to WBP1 and WBP2. Binds, in vitro, through the WW1 domain, to neural isoforms of ENAH that contain the PPSY motif.,
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. [provided by RefSeq, Aug 2013],

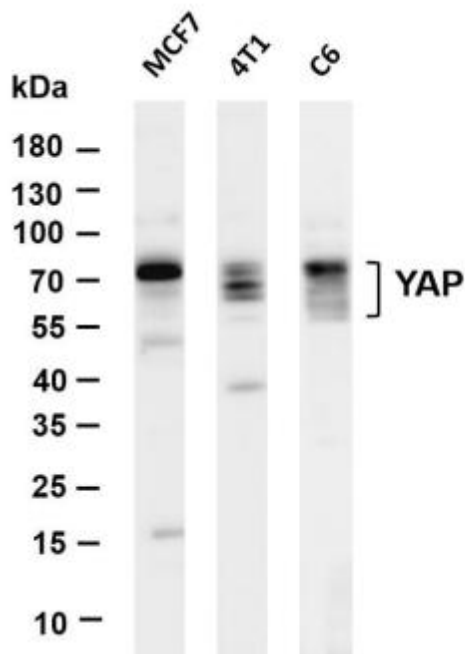


matters needing attention

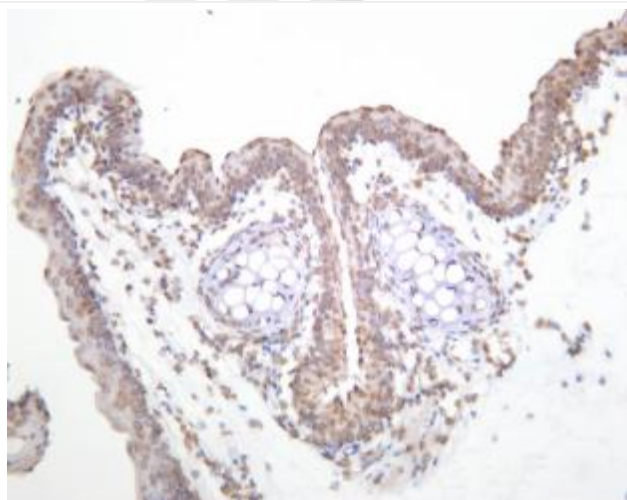
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

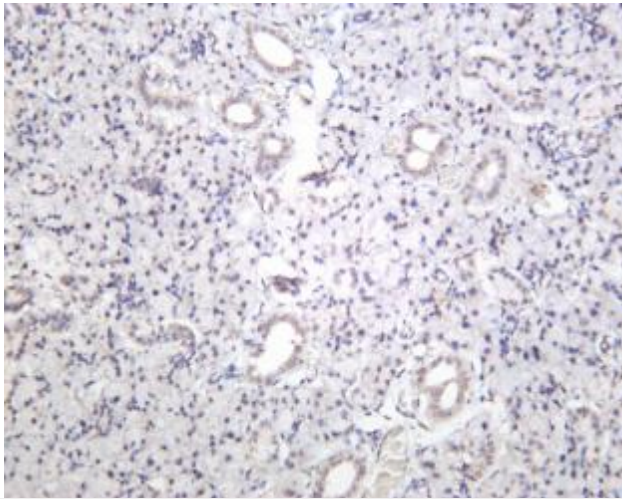


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-YAP antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: 4T1 Lane 3: C6 Predicted band size: 55kDa Observed band size: 55-75kDa

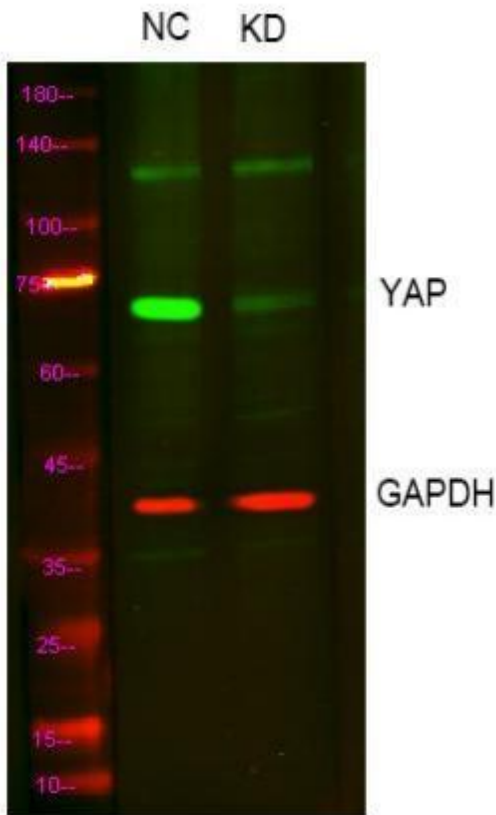


Mouse thyroid was stained with anti-YAP rabbit antibody



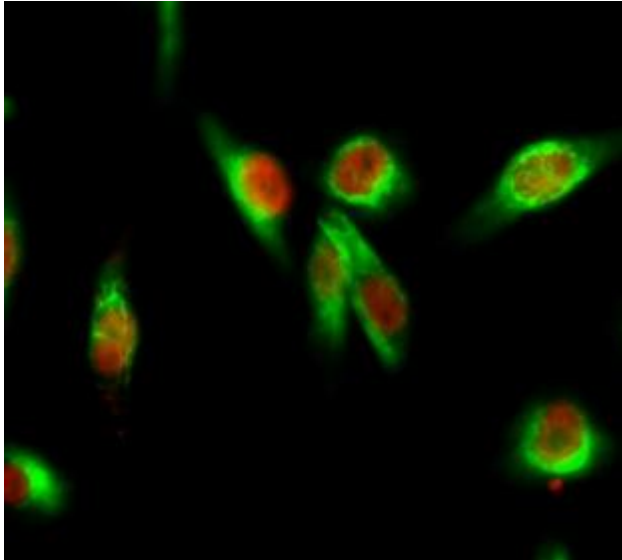


Rat thyroid was stained with anti-YAP rabbit antibody



Western blot analysis of lysates from 1)Hela cell , 2)Hela cells knockdown by siRNA (F:GGUCAGAGAUACUUCUUAATT,R:UUAAGAAGUAUCUCUGACCTT), (Green) primary antibody was diluted at 1:1000, 4 ° over night, Dylight 800 secondary antibodywas diluted at 1:10000, 37 ° 1hour. (Red) GAPDH Monoclonal Antibody(5B7) antibody was diluted at 1:5000 as loading control, 4 ° over night, Dylight 680 secondary antibodywas diluted at 1:10000, 37 ° 1hour.





Immunofluorescence analysis of Hela cell. 1, YAP Antibody (red) was diluted at 1:200 (4 ° overnight). GAPDH Monoclonal Antibody (2B8) (green) was diluted at 1:200 (4 ° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: RS3611 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: RS3208 was diluted at 1:1000 (room temperature, 50min).

