BT LAB
Bioassay Technology Laboratory
Optimize Your Research

YAP(Phospho Ser127) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15585
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human YAP around the phosphorylation site of Ser127. AA range:93-142
Mol wt	48755
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	IF, ICC, WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Yorkie homolog
Synonyms	Yorkie homolog; YAP1; YAP65; Yorkie homolog; 65 kDa Yes-associated protein; YAP65

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Dilution

WB: 1: 500 - 1: 2000

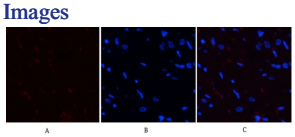
IHC-p: 1: 100 - 1: 300

IF: 1: 50 - 1: 200

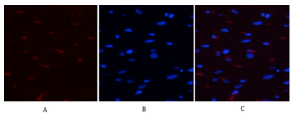
ELISA: 1: 40000

Not yet tested in other applications.

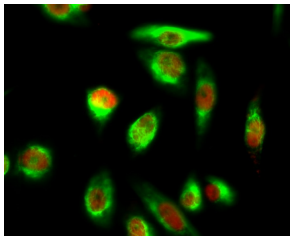
Images



Immunofluorescence analysis of Hela cell. YAP (phospho Ser127) Polyclonal Antibody(Red) was diluted at 1:200(4°C overnight). β-Tubulin Monoclonal Antibody(5G3)(Green) was diluted at 1:200(4°C overnight).



Immunofluorescence analysis of rat-heart tissue. 1,YAP (phospho Ser127) Polyclonal Antibody(Red) was diluted at 1:200(4°C overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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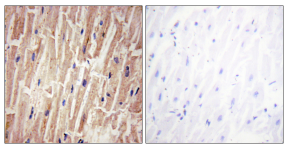
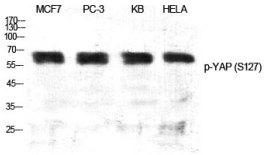
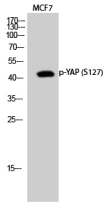


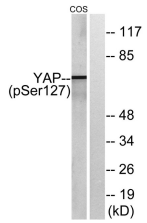
Immunohistochemistry analysis of paraffin-embedded human heart , using YAP (Phospho-Ser127) Antibody. The picture on the right is blocked with the phospho peptide.



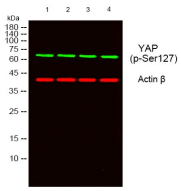
Western Blot analysis of various cells using Phospho-YAP (S127) Polyclonal Antibody diluted at 1:500



Western Blot analysis of MCF7 cells using Phospho-YAP (S127) Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from COS7 cells treated with HU 2nM 24h, using YAP (Phospho-Ser127) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 1)MCF-7 , 2)PC-3, 3) KB, 4) HELA cells, (Green) primary antibody was diluted at 1:1000, 4°C overnight, secondary antibody was diluted at 1:10000, 37°C 1hour. (Red) Actin β Monoclonal Antibody(5B7) was diluted at 1:5000 as loading control, 4°C overnight,secondary antibody was diluted at 1:10000, 37°C 1hour.

Storage

-20°C for 1 year

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