YAP1 (Phospho-S127) polyclonal antibody

Catalog: BS94007 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

The Yes-associated protein, otherwise known as YAP, is a 14-3-3-binding molecule that was originally recognized by virtue of its ability to bind to the SH3 domain of Yes. The binding of YAP to 14-3-3 requires the phosphorylation of a homologous serine residue (Ser 112) in the YAP 14-3-3-binding motif. The highly conserved and ubiquitously expressed 14-3-3 proteins regulate differentiation, cell cycle progression and apoptosis by binding intracellular phosphoproteins involved in signal transduction. YAP may link events at the plasma membrane and cytoskeleton to inhibition of transcription in the nucleus in a manner regulated by 14-3-3 proteins. YAP shares homology with the WW domain of TAZ, transcriptional co-activator with PDZ-binding motif, which functions as a transcriptional co-activator by binding to the PPXY motif present in transcription factors. YAP is expressed at high levels in the lung, placenta, prostate, ovary and testis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

65 kDa

Swiss-Prot:

P46937(Human) P46938(Mouse) Q2EJA0(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

IHC:1:50-1:200

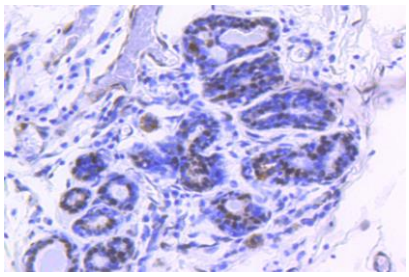
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

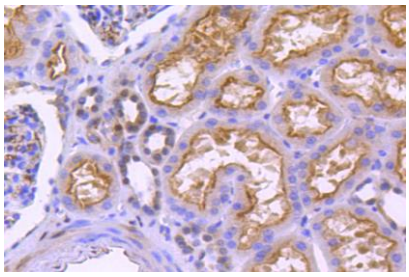
Specificity:

YAP1 (Phospho-S127) polyclonal antibody detects endogenous levels of YAP1 protein only when phosphorylated at S127.

DATA:



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti- phospho-YAP1 (S127) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti- phospho-YAP1 (S127) antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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