

Basic Information

Product Name	Anti-YAP1 (Phospho-S127) Antibody (Clone#GAB-25)
Gene Name	YAP1
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human YAP1
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	70 kDa
Dilution Ratios	Western blot (WB): 1:1000-5000 Immunohistochemistry (IHC):1:50-200

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

YAP1, also known as YAP or YAP65, is a potent oncogene, which is amplified in various human cancers. This gene encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. It 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.

Reference

Anti-YAP1 (Phospho-S127) Antibody (Clone#GAB-25)被引用在4文献中。

Selected Validation Data

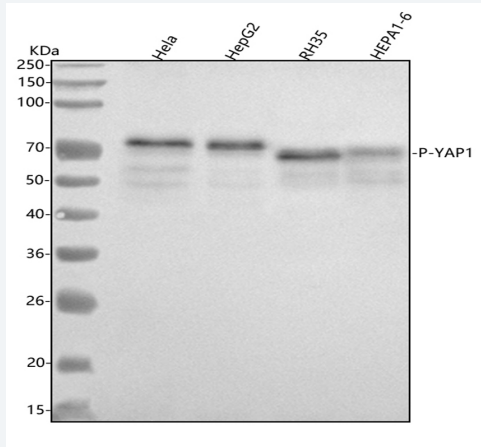


Figure 1. Western blot analysis of anti-YAP1 antibody (BM4580). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HeLa whole cell lysates,

Lane 2: human HepG2 whole cell lysates,

Lane 3: rat RH-35 whole cell lysates,

Lane 4: mouse Hepa1-6 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-YAP1 antigen affinity purified monoclonal antibody (BM4580) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for YAP1 at approximately 75, 70 kDa. The expected band size for YAP1 is at 54 kDa.