

Basic Information

Product Name	Anti-YAP1 Antibody (Clone#CIE-25)	
Gene Name	YAP1	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human	
Tested Application	WB, IHC, ICC/IF, IP, FCM	
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
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:50
	Flow Cytometry (FCM):	1:50

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 Antibody (Clone#CIE-25)被引用在2文献中。

Selected Validation Data

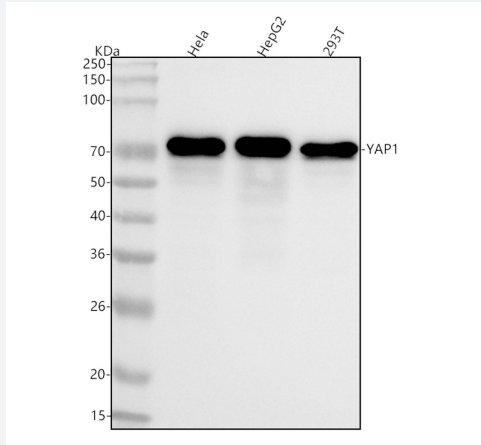


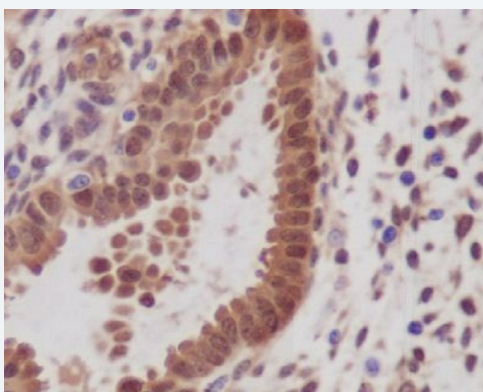
Figure 1. Western blot analysis of anti-YAP1 antibody (BM4253). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HeLa whole cell lysates,

Lane 2: human HepG2 whole cell lysates,

Lane 3: human 293T 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 (BM4253) 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 70 kDa. The expected band size for YAP1 is at 54 kDa.



Immunohistochemical analysis of paraffin-embedded human uterus, using YAP1 Antibody.

Product datasheet

Anti-YAP1 Antibody (Clone#CIE-25)

Catalog Number: **BM4253**

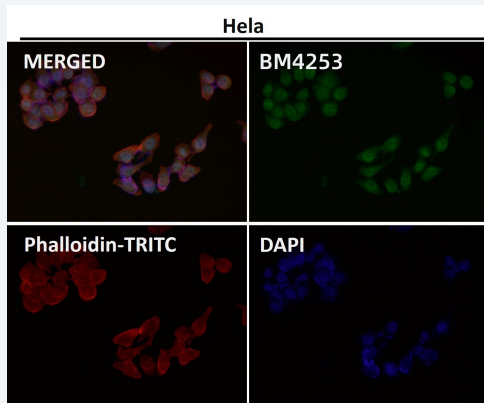
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Immunofluorescent analysis using the Antibody.