

A24501

Leader in Biomolecular Solutions for Life Science



Yap1 Rabbit pAb

Catalog No.: A24501

Basic Information

Observed MW

76kDa

Calculated MW

52kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes a protein which binds to the SH3 domain of the Yes proto-oncogene product, a tyrosine kinase. This protein contains a WW domain, consisting of four conserved aromatic amino acids including two tryptophan residues. This conserved WW domain is found in various structural, regulatory and signaling molecules in various species, and may play a role in protein-protein interaction. Following cellular damage, phosphorylation of this encoded protein may suppress apoptosis. This protein may be involved in malignant transformation in cancer. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:100 - 1:500
IF/ICC	1:100 - 1:500

Immunogen Information

Gene ID

22601

Swiss Prot

P46938

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 139-488 of mouse Yap1 (NP_001164618.1).

Synonyms

Yap; Yki; Yap65; Yorkie; Yap1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

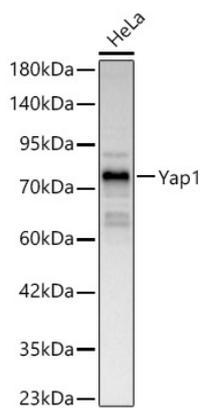
Affinity purification

Storage

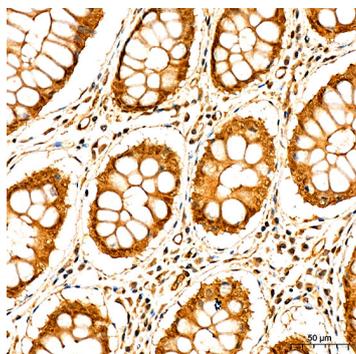
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

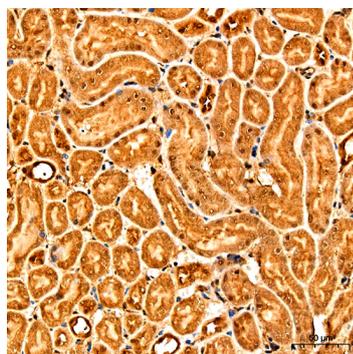
Validation Data



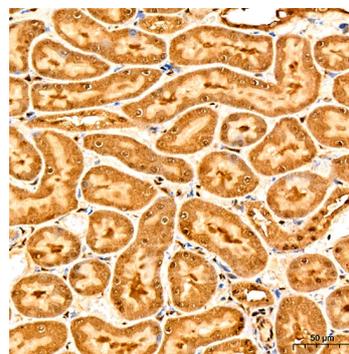
Western blot analysis of lysates from HeLa cells using Yap1 Rabbit pAb(A24501) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.



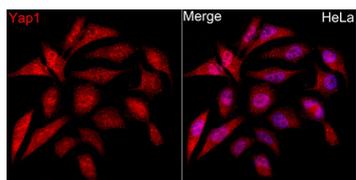
Immunohistochemistry analysis of Yap1 in paraffin-embedded human colon carcinoma tissue using Yap1 Rabbit pAb (A24501) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



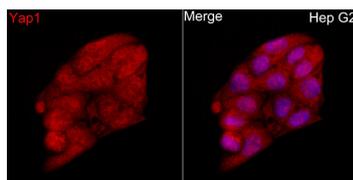
Immunohistochemistry analysis of Yap1 in paraffin-embedded mouse kidney tissue using Yap1 Rabbit pAb (A24501) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Yap1 in paraffin-embedded rat kidney tissue using Yap1 Rabbit pAb (A24501) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using Yap1 Rabbit pAb (A24501) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using Yap1 Rabbit pAb (A24501) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.