Anti-YAP1 Rabbit Polyclonal Antibody

Catalog #: 50829

Aliases

YAP65; Yorkie homolog; 65 kDa Yes-associated protein; YAP65

Background

Gene Name: YAP1
NCBI Gene Entry: 10413
UniProt Entry: P46937

Application Information

Molecular Weight: Predicted, 54 kDa; observed, 70 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, sheep
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human YAP1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

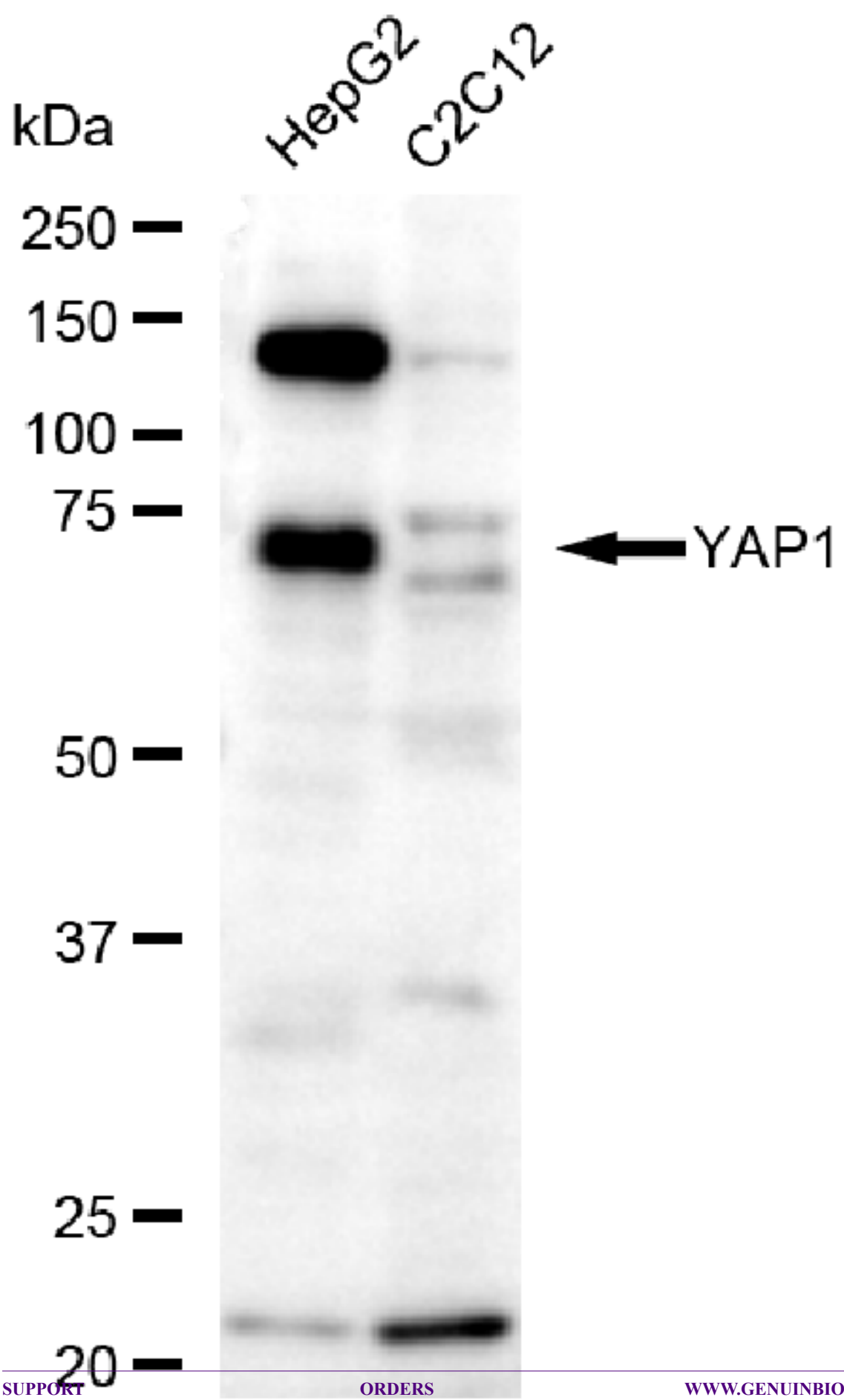
Store at -20 °C for one year.

Recommended Dilutions

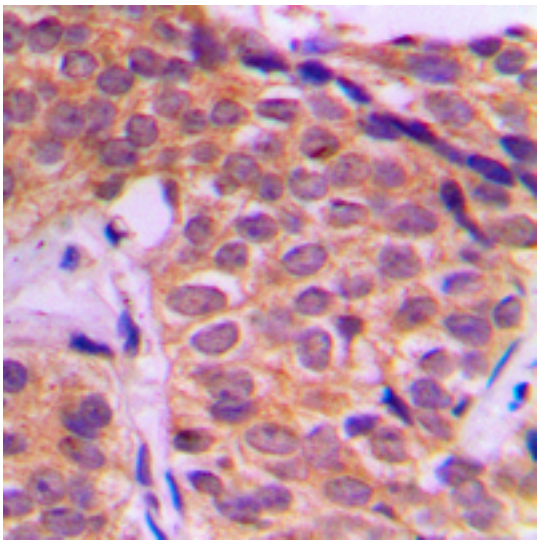
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:100
Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

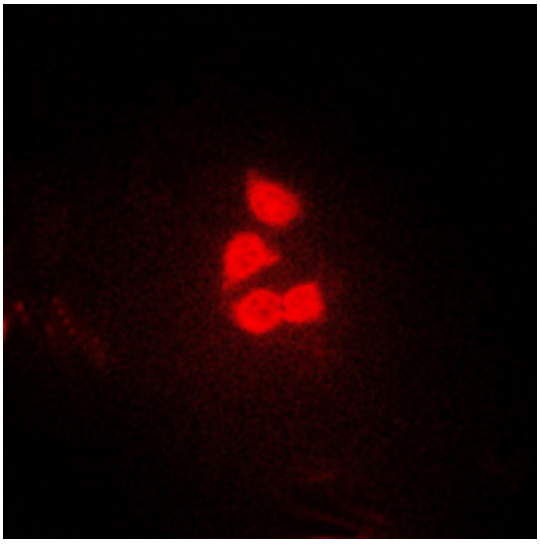
Validation Data



Western blotting analysis using anti-YAP1 antibody (Cat#50829). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-YAP1 antibody (Cat#50829, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunohistochemical analysis of YAP1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunocytochemical analysis of YAP1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in

the dark.