Anti-Cyclin A1/2 Rabbit Polyclonal Antibody

Catalog #: 50771

Aliases

CCNA1; Cyclin-A1; CCNA2; CCN1; CCNA; Cyclin-A2; Cyclin-A

Background

Gene Name: CCNA1/CCNA2
NCBI Gene Entry: 8900/890
UniProt Entry: P78396/P20248

Application Information

Molecular Weight: Predicted, 52,48 kDa; observed, 53 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, bovine, chicken, rabbit
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Cyclin A1/2

Isotype

Rabbit IgG

Storage Buffer

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

Storage

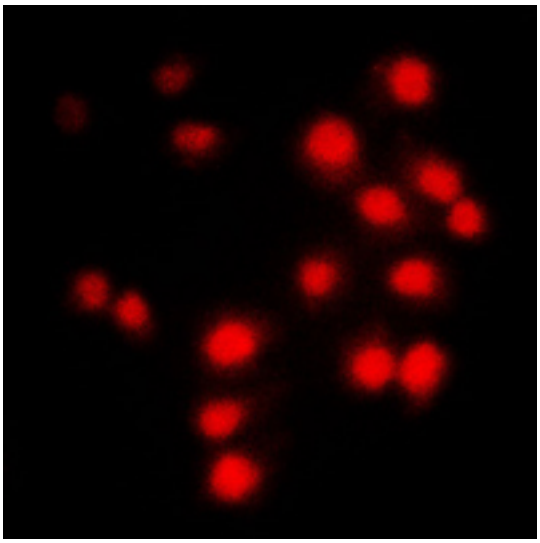
Store at -20 °C for one year.

Recommended Dilutions

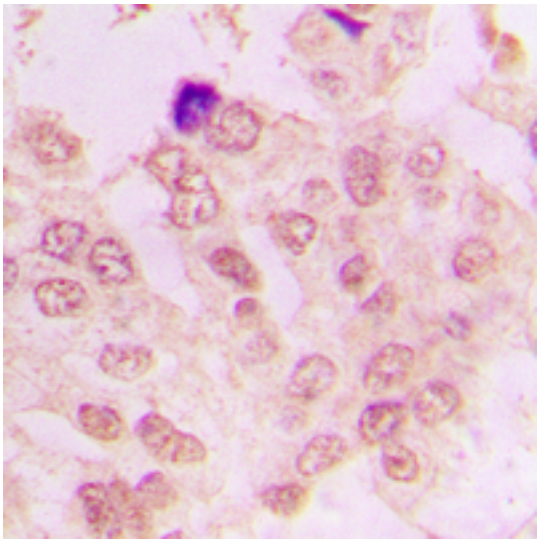
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:100
Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

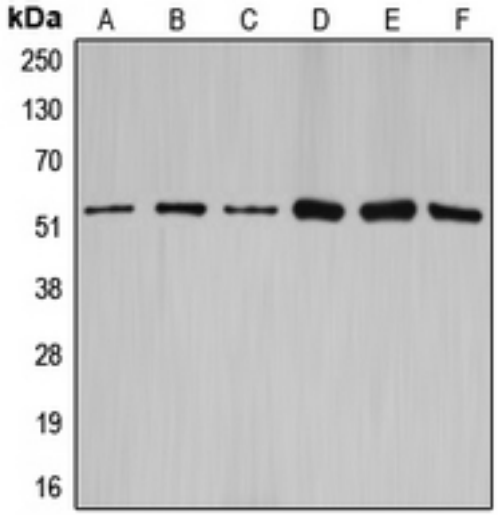
Validation Data



Immunocytochemical analysis of Cyclin A1/2 staining in NIH3T3 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.



Immunohistochemical analysis of Cyclin A1/2 staining in human lung 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.



Western blotting analysis of Cyclin A1/2 expression in HEK293T (A), NIH3T3 (B), rat brain (C), SW626 (D), SKOV3 (E), A2780 (F) whole cell lysates.