

Cyclin A2 / CCNA2 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 201099-T46

GENERAL INFORMATION

Immunogen:	E. coli-derived Human Cyclin A2 / CCNA2 fragment
Preparation	Produced in rabbits immunized with E. coli-derived Human Cyclin A2 / CCNA2 fragment, and purified by antigen affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human Cyclin A2 / CCNA2
Formulation:	PBS, pH7.0 with 0.03% Proclin300
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Alternative Names:	CCNA2

APPLICATIONS

Applications:	WB, IHC-P, ICC/IF, IP
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RECOMMENDED CONCENTRATION

IHC-P	IHC-P: 1:500-1:2000
ICC/IF	ICC/IF: 1:100-1:500
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP:1-5μL/mg of lysate

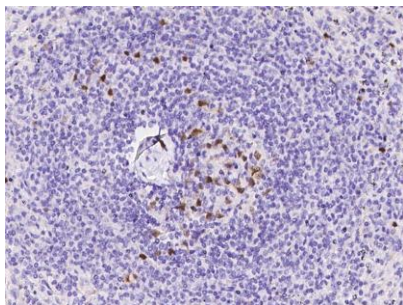
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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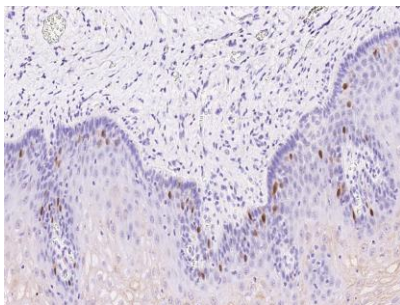


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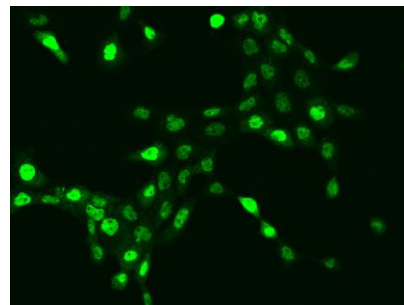
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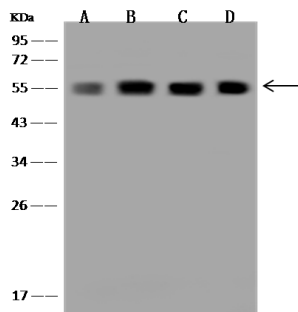
Immunohistochemical staining of human CCNA2 in human spleen with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemical staining of human CCNA2 in human esophagus with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunofluorescence staining of CCNA2 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human CCNA2 polyclonal antibody (dilution ratio 1:200) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



Anti- CCNA2 rabbit polyclonal antibody at 1:500 dilution

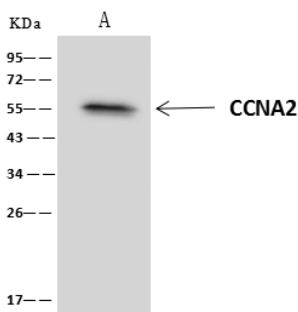
Lane A: U2OS Whole Cell Lysate
Lane B: 293T Whole Cell Lysate
Lane C: Cos-7 Whole Cell Lysate
Lane D: HeLa Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 48 kDa
Observed band size: 55 kDa



CCNA2 was immunoprecipitated using:
Lane A: 0.5 mg 293T Whole Cell Lysate

4 µL anti-CCNA2 rabbit polyclonal antibody
and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:

Anti-CCNA2 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:

Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 48 kDa
Observed band size: 55 kDa