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# CKS2 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22302b

## Product Information

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|---|---|
| **Application** | WB, FC, IF, E |
| **Primary Accession** | P33552 |
| **Other Accession** | Q2KJI1, Q91879 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Bovine, Rat, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB57438 |
| **Calculated MW** | 9860 |

## Additional Information

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|---|---|
| **Gene ID** | 1164 |
| **Other Names** | Cyclin-dependent kinases regulatory subunit 2, CKS-2, CKS2 |
| **Target/Specificity** | This CKS2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 43-77 amino acids from the human region of human CKS2. |
| **Dilution** | WB~~1:2000 FC~~1:25 IF~~1:25 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | CKS2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | CKS2 |
| **Function** | Binds to the catalytic subunit of the cyclin dependent kinases and is essential for their biological function. |

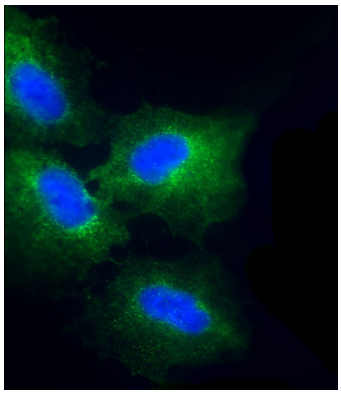
## Background

Binds to the catalytic subunit of the cyclin dependent kinases and is essential for their biological function.

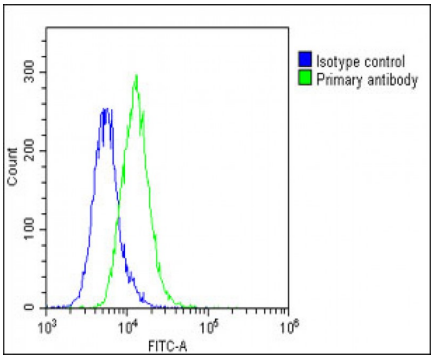
## References

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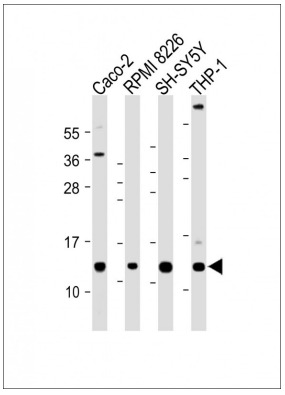
## Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized A549 cells labeling CKS2 with AP22302b at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG (OH191631) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on A549 cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (1186255) at 1/500 dilution (red). The nuclear counter stain is DAPI (blue).




Overlay histogram showing A549 cells stained with AP22302b(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22302b, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.




All lanes : Anti-CKS2 Antibody (C-Term) at 1:2000 dilution Lane 1: Caco-2 whole cell lysate Lane 2: RPMI 8226 whole cell lysate Lane 3: SH-SY5Y whole cell lysate Lane 4: THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 10 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.