

# CDC23 Rabbit Polyclonal Antibody



CAB15116

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

69kDa

### Calculated MW:

16kDa/55kDa/68kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Protein Background

The protein encoded by this gene shares strong similarity with *Saccharomyces cerevisiae* Cdc23, a protein essential for cell cycle progression through the G2/M transition. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eukaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction.

## Immunogen information

### Gene ID:

8697

### Uniprot

Q9UJX2

### Synonyms:

CDC23; ANAPC8; APC8; CUT23

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

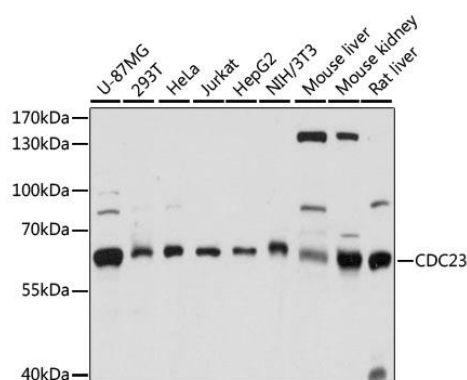
### Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human CDC23 (NP\_004652.2).

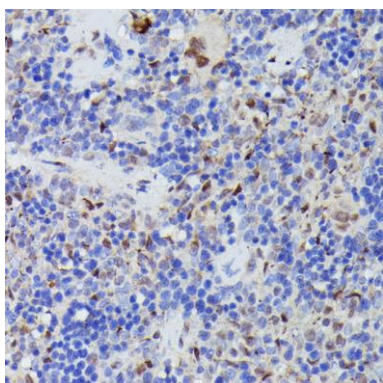
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

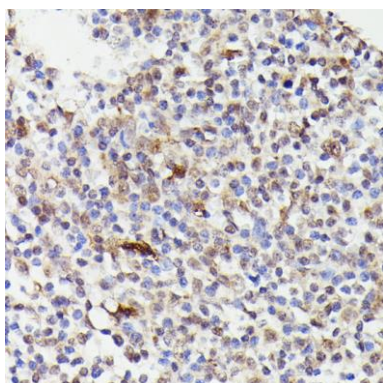
## Product Images



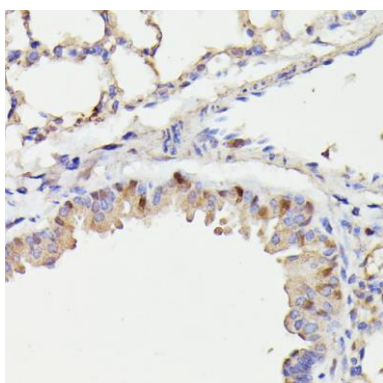
Western blot analysis of extracts of various cell lines, using CDC23 antibody (CAB15116) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat spleen using CDC23 antibody (CAB15116) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human tonsil using CDC23 antibody (CAB15116) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using CDC23 antibody (CAB15116) at dilution of 1:100 (40x lens).