

# DKC1 Rabbit Polyclonal Antibody



CAB12914

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

57kDa

### Calculated MW:

47kDa/57kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse

## Protein Background

This gene functions in two distinct complexes. It plays an active role in telomerase stabilization and maintenance, as well as recognition of snoRNAs containing H/ACA sequences which provides stability during biogenesis and assembly into H/ACA small nucleolar RNA ribonucleoproteins (snoRNPs). This gene is highly conserved and widely expressed, and may play additional roles in nucleo-cytoplasmic shuttling, DNA damage response, and cell adhesion. Mutations have been associated with X-linked dyskeratosis congenita. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

1736

### Uniprot

O60832

### Synonyms:

DKC1; CBF5; DKC; DKCX; NAP57; NOLA4; XAP101

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

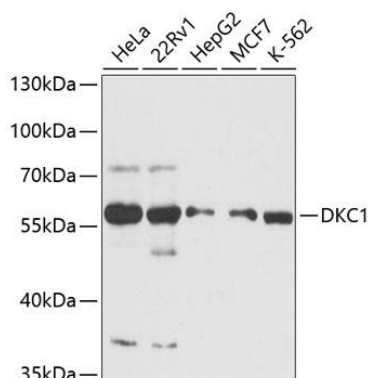
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human DKC1 (NP\_001354.1).

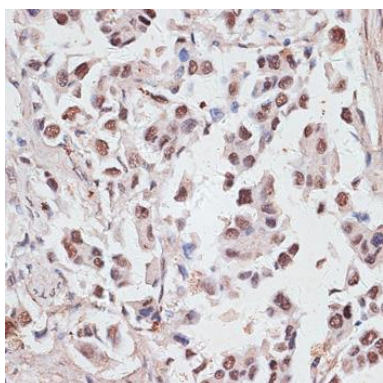
### Storage:

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

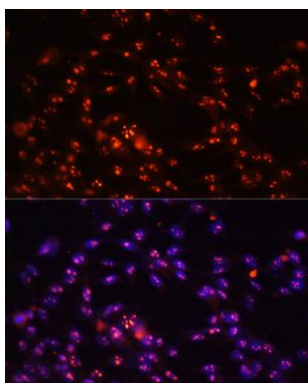
## Product Images



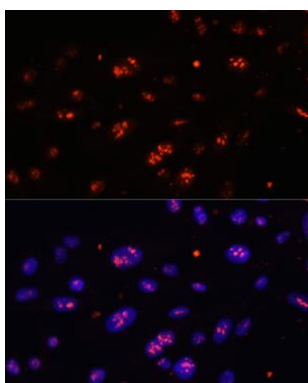
Western blot analysis of extracts of various cell lines, using DKC1 antibody (CAB12914) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded human lung cancer using DKC1 antibody (CAB12914) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using DKC1 antibody (CAB12914) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using DKC1 antibody (CAB12914) at dilution of 1:100. Blue: DAPI for nuclear staining.