

# Anti DKC1 Antibody

Catalog No: tcsa16628



## Available Sizes

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**Size:** 100µl



## Specifications

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**Application:**

WB, IHC, IF

**Species Reactivity:**

Human, Mouse, Rat

**Host Species:**

Rabbit

**Immunogen / Amino acids:**

Recombinant protein of human DKC1

**Conjugation:**

Unconjugated

**Clonality:**

Polyclonal

**Isotype:**

IgG

**Form:**

Liquid

**Storage Buffer:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Recommended Dilution:**

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

**Storage Instruction:**

Store at -20C. Avoid freeze / thaw cycles.

**Alternative Names:**

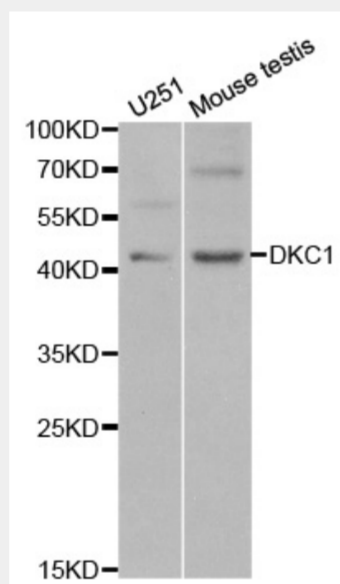
DKC1 antibody; H/ACA ribonucleoprotein complex subunit 4 antibody; DKC1 antibody; NOLA4 antibody

**SwissProt:**

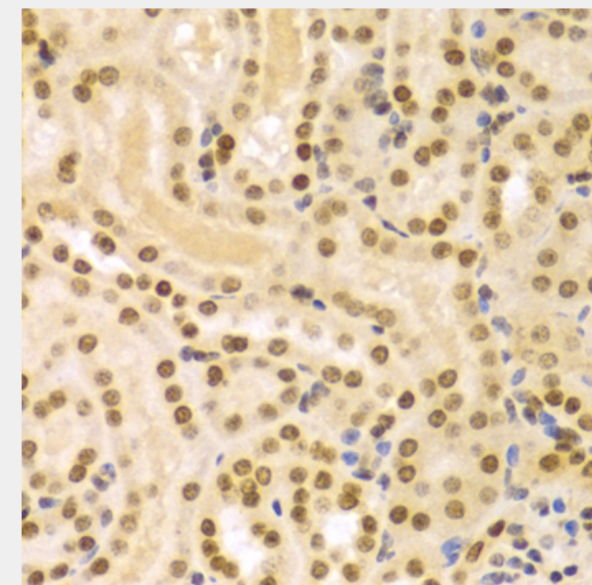
O60832

**Product Description**

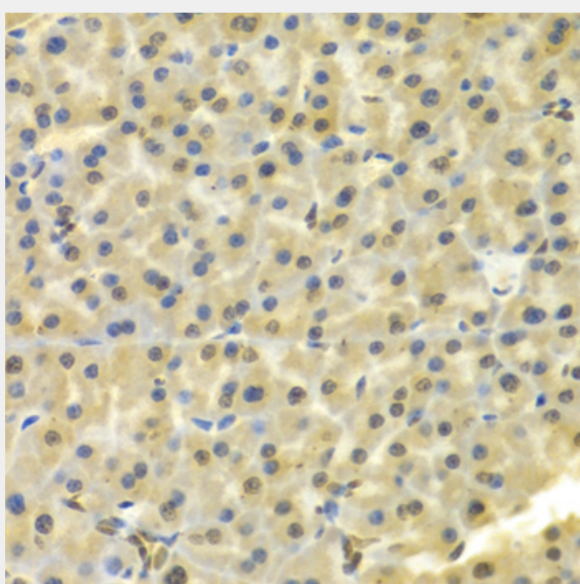
This gene functions in two distinct complexes. It plays an active role in telomerase stabilization and maintenance, as well as recognition of snoRNAs containing H/ACA sequences which provides stability during biogenesis and assembly into H/ACA small nucleolar RNA ribonucleoproteins (snoRNPs). This gene 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.



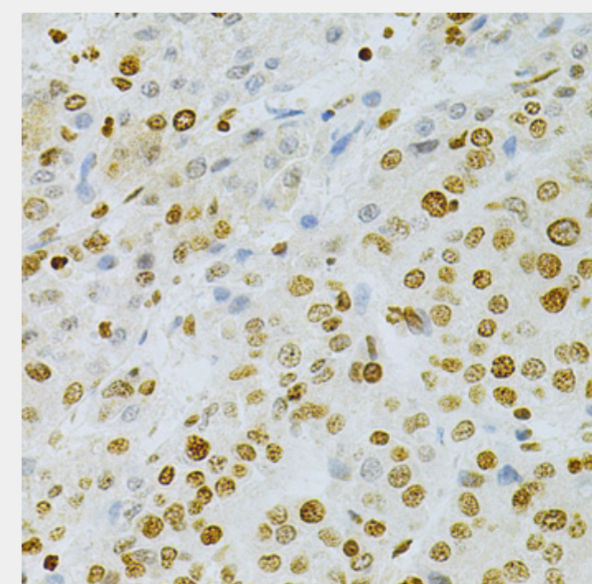
Western blot analysis of extracts of various cell lines, using DKC1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



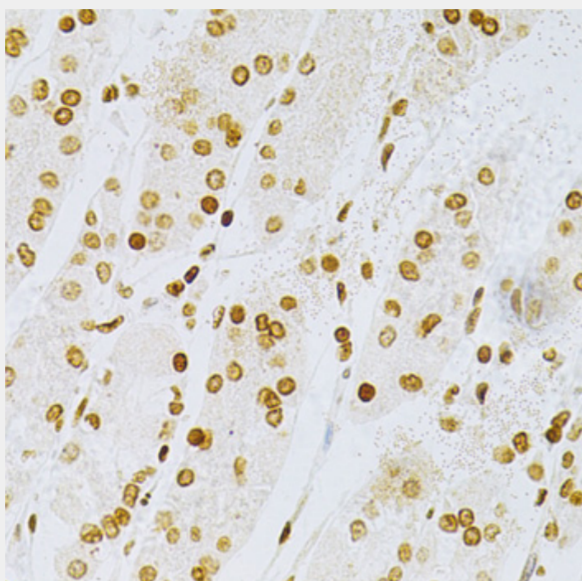
Immunohistochemistry of paraffin-embedded mouse kidney using DKC1 Antibody at dilution of 1:100 (40x lens).



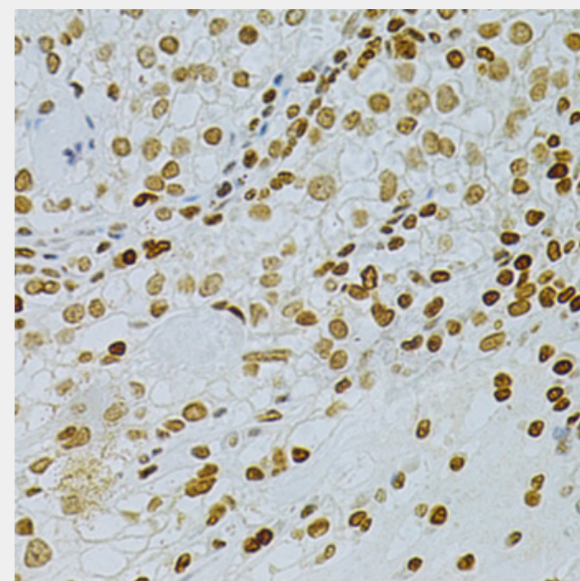
Immunohistochemistry of paraffin-embedded mouse pancreas using DKC1 Antibody at dilution of 1:100 (40x lens).



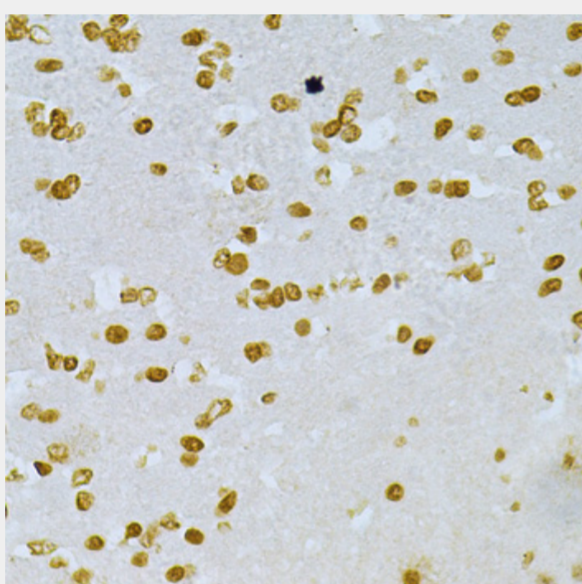
Immunohistochemistry of paraffin-embedded human liver cancer using DKC1 Antibody at dilution of 1:200 (40x lens).



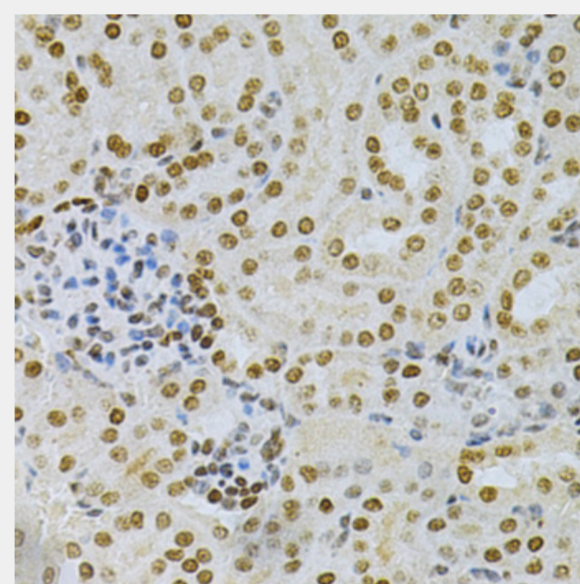
Immunohistochemistry of paraffin-embedded human stomach using DKC1 Antibody at dilution of 1:200 (40x lens).



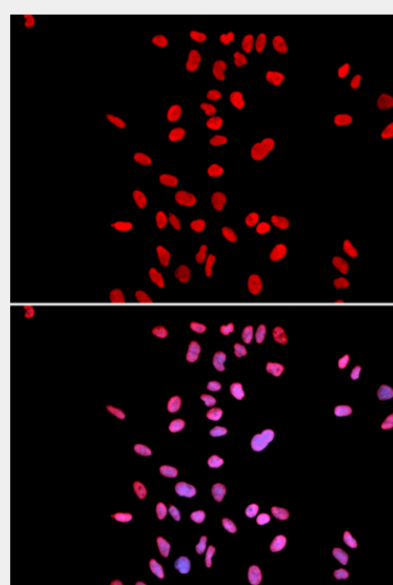
Immunohistochemistry of paraffin-embedded human cancer using DKC1 Antibody at dilution of 1:200 (40x lens).



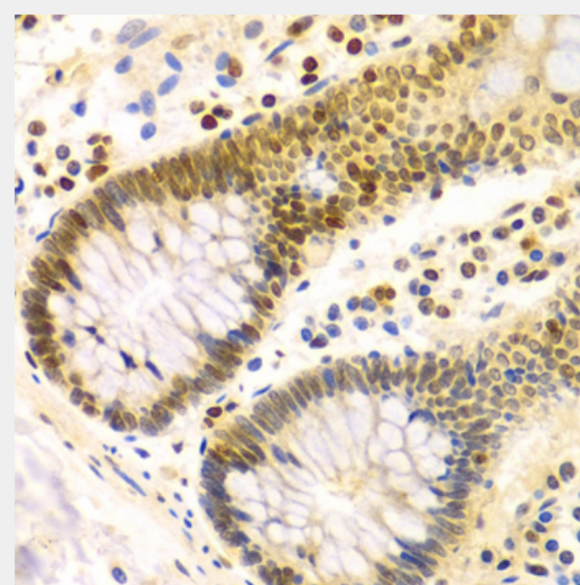
Immunohistochemistry of paraffin-embedded mouse brain using DKC1 Antibody at dilution of 1:200 (40x lens).



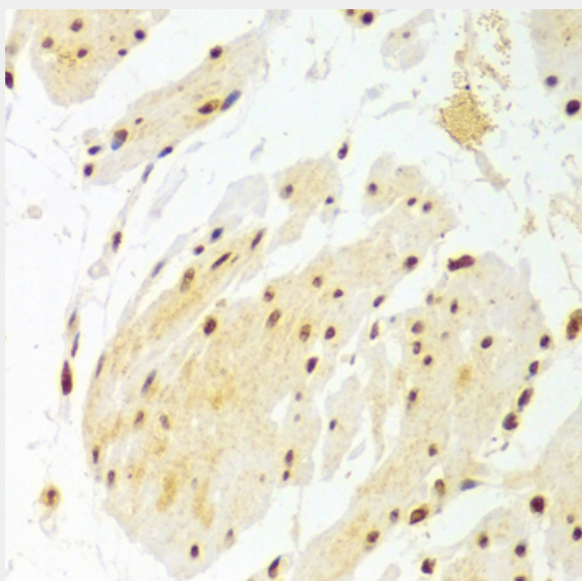
Immunohistochemistry of paraffin-embedded mouse kidney using DKC1 Antibody at dilution of 1:200 (40x lens).



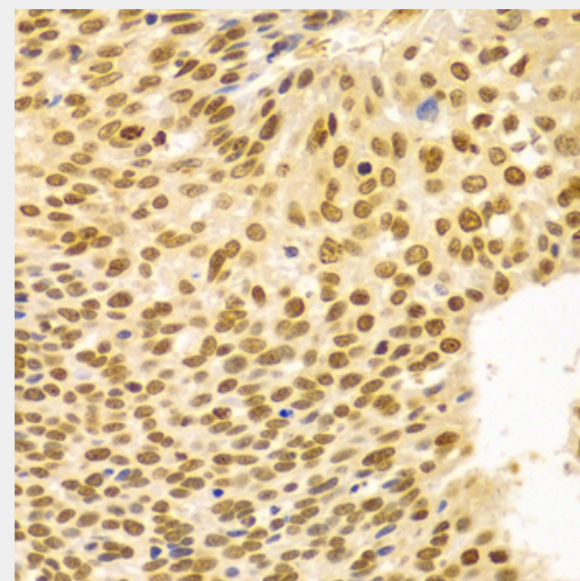
Immunofluorescence analysis of U2OS cells using DKC1 antibody. Blue: DAPI for nuclear staining.



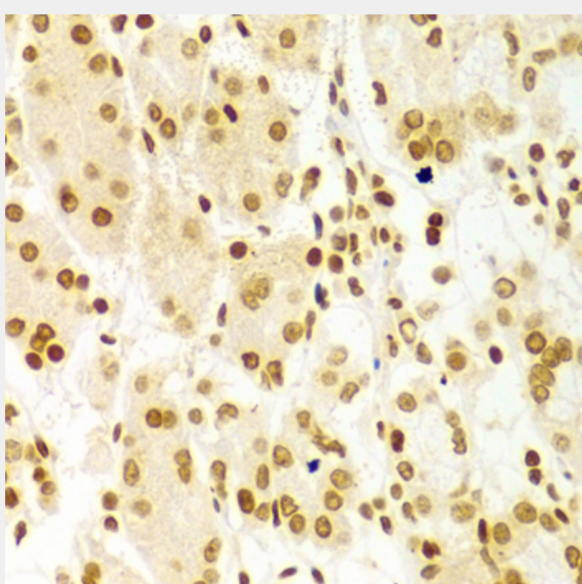
Immunohistochemistry of paraffin-embedded human colon using DKC1 Antibody at dilution of 1:100 (40x lens).



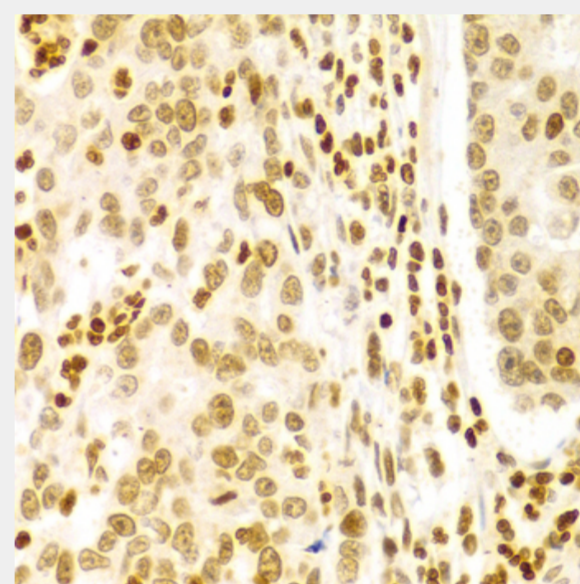
Immunohistochemistry of paraffin-embedded human esophagus using DKC1 Antibody at dilution of 1:100 (40x lens).



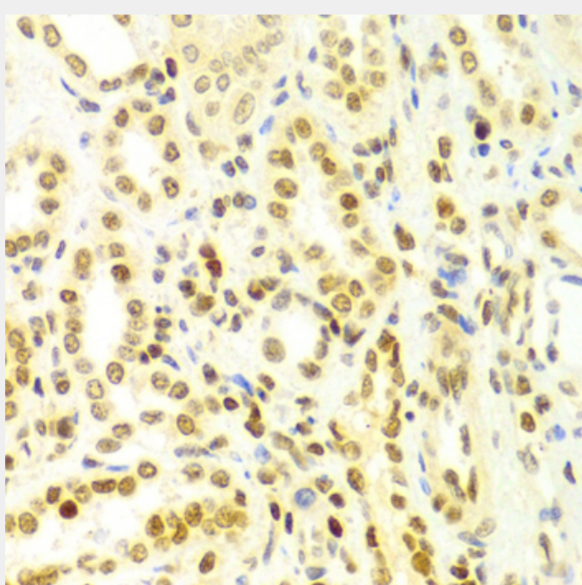
Immunohistochemistry of paraffin-embedded human esophageal cancer using DKC1 Antibody at dilution of 1:100 (40x lens).



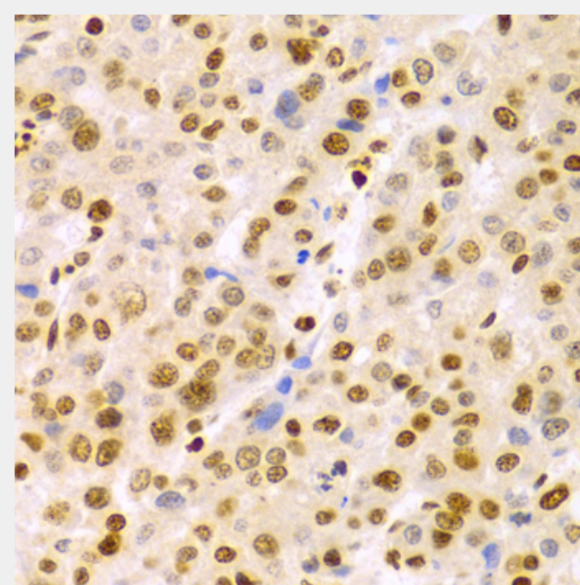
Immunohistochemistry of paraffin-embedded human stomach using DKC1 Antibody at dilution of 1:100 (40x lens).



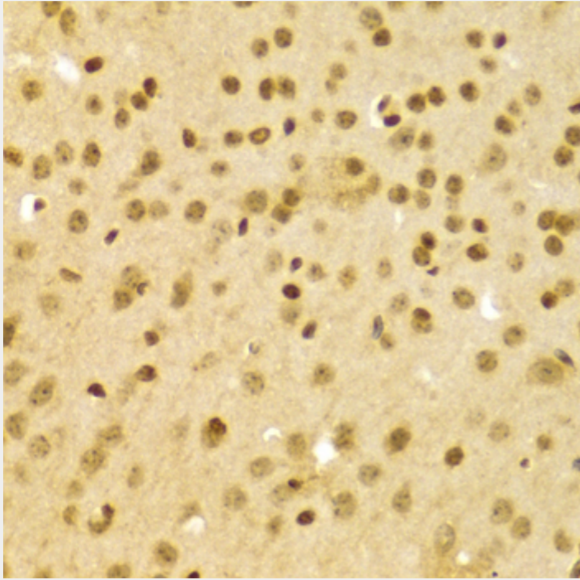
Immunohistochemistry of paraffin-embedded human gastric cancer using DKC1 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human kidney using DKC1 Antibody at dilution of 1:100 (40x lens).



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



Immunohistochemistry of paraffin-embedded mouse brain using DKC1 Antibody at dilution of 1:100 (40x lens).

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