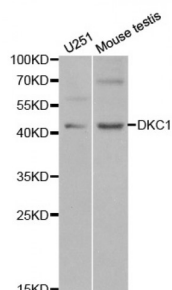


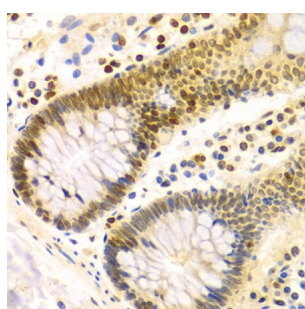
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H/ACA Ribonucleoprotein Complex Subunit DKC1 (DKC1) Antibody

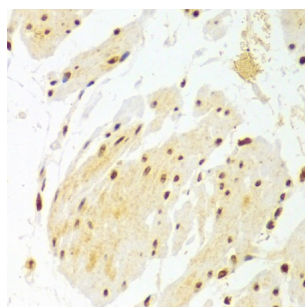
Catalogue No.: abx001537



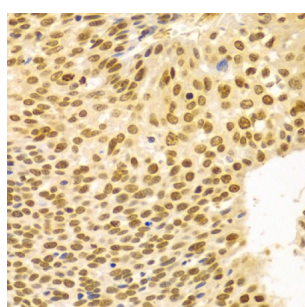
Western blot analysis of extracts of various cell lines, using DKC1 antibody (abx001537) at 1/1000 dilution.



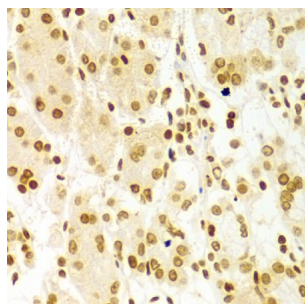
Immunohistochemistry of paraffin-embedded human colon using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).

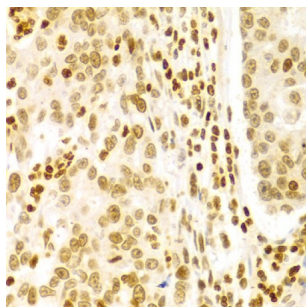


Immunohistochemistry of paraffin-embedded human esophageal cancer using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).

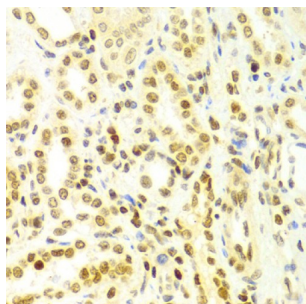


Immunohistochemistry of paraffin-embedded human stomach using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).

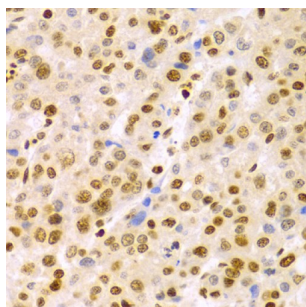
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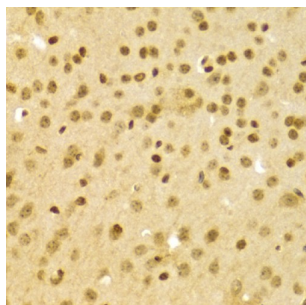
Immunohistochemistry of paraffin-embedded human gastric cancer using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).



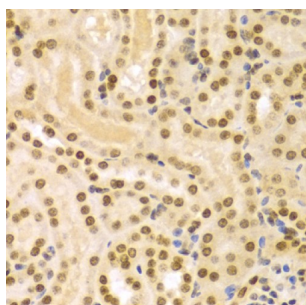
Immunohistochemistry of paraffin-embedded human kidney using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).

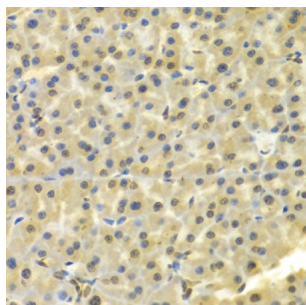


Immunohistochemistry of paraffin-embedded mouse brain using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).

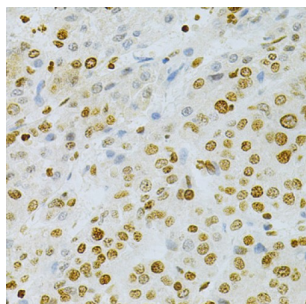


Immunohistochemistry of paraffin-embedded mouse kidney using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).

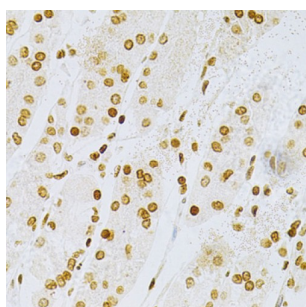
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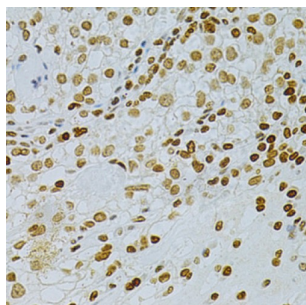
Immunohistochemistry of paraffin-embedded mouse pancreas using DKC1 Antibody (abx001537) at dilution of 1/100 (40x lens).



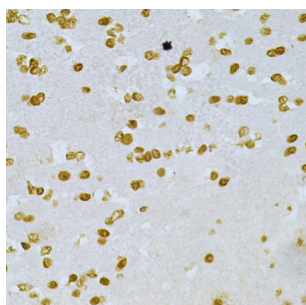
Immunohistochemistry of paraffin-embedded human liver cancer using DKC1 Antibody (abx001537) at dilution of 1/200 (40x lens).



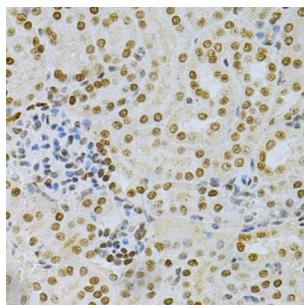
Immunohistochemistry of paraffin-embedded human stomach using DKC1 Antibody (abx001537) at dilution of 1/200 (40x lens).



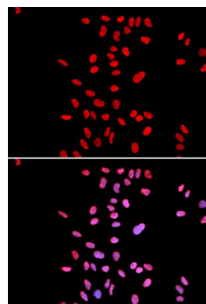
Immunohistochemistry of paraffin-embedded human cancer using DKC1 Antibody (abx001537) at dilution of 1/200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using DKC1 Antibody (abx001537) at dilution of 1/200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using DKC1 Antibody (abx001537) at dilution of 1/200 (40x lens).



Immunofluorescence analysis of U2OS cells using DKC1 antibody (abx001537). Blue: DAPI for nuclear staining.

DKC1 Antibody is a Rabbit Polyclonal antibody against DKC1. This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the NOLA1, 2 and 3 proteins. The protein encoded by this gene and the three NOLA proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. These four H/ACA snoRNP proteins are also components of the telomerase complex. The protein encoded by this gene is related to the *Saccharomyces cerevisiae* Cbf5p and *Drosophila melanogaster* Nop60B proteins. The gene lies in a tail-to-tail orientation with the palmitoylated erythrocyte membrane protein gene and is transcribed in a telomere to centromere direction. Both nucleotide substitutions and single trinucleotide repeat polymorphisms have been found in this gene. Mutations in this gene cause X-linked dyskeratosis congenita, a disease resulting in reticulate skin pigmentation, mucosal leukoplakia, nail dystrophy, and progressive bone marrow failure in most cases. Mutations in this gene also cause Hoyeraal-Hreidarsson syndrome, which is a more severe form of dyskeratosis congenita. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008].

Target: DKC1

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

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Immunogen:	Recombinant protein of human DKC1.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 47 kDa/57 kDa Observed MW: 43 kDa
Swiss Prot:	O60832
GeneID:	1736
Gene Symbol:	DKC1
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.