

## Anti-Dyskerin DKC1 Antibody

Catalog Number: A01535-1

### About DKC1

Isoform 1: Required for ribosome biogenesis and telomere maintenance. Probable catalytic subunit of H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA. This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1. Each rRNA can contain up to 100 pseudouridine ('psi') residues, which may serve to stabilize the conformation of rRNAs. Also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme. Isoform 3: Promotes cell to cell and cell to substratum adhesion, increases the cell proliferation rate and leads to cytokeratin hyper-expression (when overexpressed in HeLa cells).

Heiss N.S., Nat. Genet. 19:32-38(1998).

Knight S.W., Am. J. Hum. Genet. 65:50-58(1999).

Hassock S., Genomics 55:21-27(1999).

### Overview

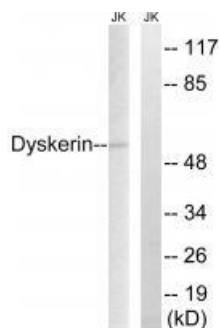
Product Name	Anti-Dyskerin DKC1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Dyskerin DKC1 Antibody (Catalog # A01535-1). Tested in WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O60832

### Technical Details

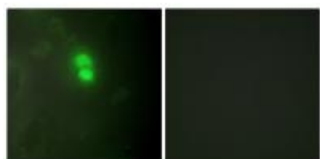
Immunogen	Synthesized peptide derived from Internal of human Dyskerin.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG

Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p> <p>Immunofluorescence: 1:100~1:500</p>

## Anti-Dyskerin DKC1 Antibody (A01535-1) Images



Western blot analysis of extracts from HeLa cells, using Dyskerin antibody A01535-1.



Immunofluorescence analysis of HeLa cells, using Dyskerin antibody A01535-1.

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