

Rabbit Dyskerin Polyclonal Antibody | anti-DKC1 antibody

Dyskerin Antibody

CATALOG # AAA302783	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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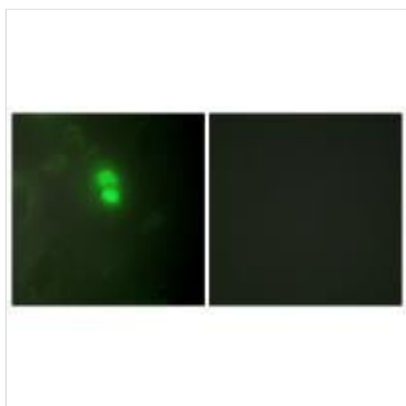
PRODUCT SYNONYMS

Dyskerin; Polyclonal Antibody; Dyskerin Antibody; CBF5 homolog; DKC1; EC 5.4.99.-; Nucleolar protein NAP57; anti-DKC1 antibody

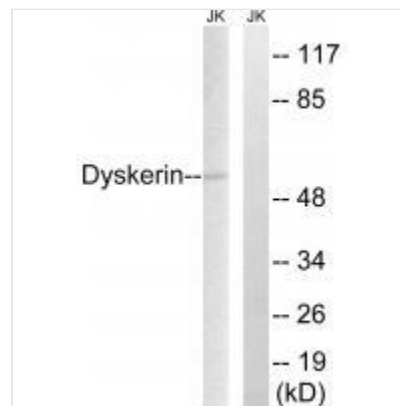
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Dyskerin protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	509
Applicable Applications for anti-DKC1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human Dyskerin.
Target Name	Dyskerin
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Dyskerin antibody.


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DKC1 antibody	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).
Product Categories/Family for anti-DKC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	215599015
NCBI GeneID	1736
NCBI Accession #	NP_001135935.1
NCBI GenBank Nucleotide #	NM_001142463.2
UniProt Accession #	O60832; O43845; Q96G67; Q9Y505; F5BSB3
Molecular Weight	47,603 Da
NCBI Official Full Name	H/ACA ribonucleoprotein complex subunit 4 isoform 2
NCBI Official Synonym Full Names	dyskeratosis congenita 1, dyskerin
NCBI Official Symbol	DKC1
NCBI Official Synonym Symbols	DKC; CBF5; DKCX; NAP57; NOLA4; XAP101
NCBI Protein Information	H/ACA ribonucleoprotein complex subunit 4
UniProt Protein Name	H/ACA ribonucleoprotein complex subunit 4
UniProt Gene Name	DKC1
UniProt Synonym Gene Names	NOLA4
UniProt Entry Name	DKC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dyskerin-antibody-immunofluorescence-western-blot-elisa/302783>