

Rabbit anti-Human DKC1 Polyclonal Antibody | anti-DKC1 antibody

DKC1 Antibody

CATALOG # AAA232457	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

DKC1; Polyclonal Antibody; DKC1 Antibody; H/ACA ribonucleoprotein complex subunit 4; CBF5 homolog; Dyskerin; Nopp140-associated protein of 57 kDa; Nucleolar protein NAP57; Nucleolar protein family A member 4; snoRNP protein DKC1; NOLA4; anti-DKC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	509
Applicable Applications for anti-DKC1 antibody	ELISA
Immunogen	Recombinant Human H/ACA ribonucleoprotein complex subunit 4 protein (94-170AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26980 / sc-26982 / sc-48794
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA232457 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, Rat brain tissue, Rat heart tissue, Mouse brain tissue, Mouse heart tissue, Mouse kidney tissue. All lanes: DKC1 antibody at 2.5ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 58, 48 KDa. Observed band size: 48 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-DKC1 antibody	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.
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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	dyskerin pseudouridine synthase 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dkc1-antibody-elisa/232457>