

DKC1 Monoclonal Antibody | anti-DKC1 antibody

DKC1 Rabbit mAb

CATALOG # AAA314346	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

DKC1; Monoclonal Antibody; DKC1 Rabbit mAb; DKC; CBF5; DKCX; NAP57; NOLA4; XAP101; anti-DKC1 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S02-2D8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-DKC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human DKC1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of DKC1 in paraffin-embedded Human breast cancer tissue using DKC1 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of DKC1 in K562, C6, 3T3, Hela cell lysates using DKC1 Rabbit mAb (1:1000 diluted). Predicted band size: 58kDa. Observed band size: 58kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-DKC1 antibody	Isoform 1: Catalytic subunit of H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA (PubMed:25219674). This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1 (PubMed:25219674). Each rRNA can contain up to 100 pseudouridine ('psi') residues, which may serve to stabilize the conformation of rRNAs. Required for ribosome biogenesis and telomere maintenance (PubMed:19179534, PubMed:25219674). Also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme (PubMed:19179534).
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Product Categories/Family for anti-DKC1 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503337
NCBI GeneID	1736
NCBI Accession #	NP_001354.1
NCBI GenBank Nucleotide #	NM_001363.3
UniProt Accession #	O60832; O43845; Q96G67; Q9Y505; F5BSB3
Molecular Weight	57,674 Da
NCBI Official Full Name	H/ACA ribonucleoprotein complex subunit 4 isoform 1
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; CBF5 homolog; cbf5p homolog; snoRNP protein DKC1; nucleolar protein NAP57; nucleolar protein family A member 4; nopp140-associated protein of 57 kDa
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/monoclonal/dkc1-antibody-clone-s02-2d8-immunohistochemistry-western-blot-elisa/314346>