

DKC1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5479c**Specification**

DKC1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O60832](#)
Other Accession [NP_001354.1](#)

DKC1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 1736

Other Names

H/ACA ribonucleoprotein complex subunit 4, 5499-, CBF5 homolog, Dyskerin, Nopp140-associated protein of 57 kDa, Nucleolar protein NAP57, Nucleolar protein family A member 4, snoRNP protein DKC1, DKC1, NOLA4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DKC1 Antibody (Center) Blocking peptide - Protein Information

Name DKC1 ([HGNC:2890](#))

Synonyms NOLA4

Function

[Isoform 1]: Catalytic subunit of H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA (PubMed: 25219674, PubMed: 32554502). 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).

Cellular Location

[Isoform 1]: Nucleus, nucleolus. Nucleus, Cajal body {ECO:0000250|UniProtKB:P40615}

Tissue Location

Ubiquitously expressed.

DKC1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DKC1 Antibody (Center) Blocking peptide - Images