

DKC1 Rabbit mAb
Catalog # AP77944**Specification****DKC1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	O60832
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	57674

DKC1 Rabbit mAb - Additional Information

Gene ID 1736

Other Names

DKC1

Dilution

WB~~1/500-1/1000

Format

Liquid

DKC1 Rabbit mAb - Protein InformationName 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](http://www.uniprot.org/citations/25219674), PubMed: [32554502](http://www.uniprot.org/citations/32554502)). This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1 (PubMed: [25219674](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/19179534), PubMed: [25219674](http://www.uniprot.org/citations/25219674)). Also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme (PubMed: [19179534](http://www.uniprot.org/citations/19179534)).

Cellular Location

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

Tissue Location

Ubiquitously expressed.

DKC1 Rabbit mAb - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DKC1 Rabbit mAb - Images

