

DKC1 Rabbit mAb
Catalog # AP77944**Specification**

DKC1 Rabbit mAb - Product Information

Application	WB, IHC-P, ICC
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
IHC-P~~N/A
ICC~~N/A**Format**
Liquid**DKC1 Rabbit mAb - 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 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