

**DKC1 Rabbit mAb**  
Catalog # AP75361**Specification**

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**DKC1 Rabbit mAb - Product Information**

Application	<b>WB, IHC, IF</b>
Primary Accession	<a href="#">O60832</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>57674</b>

**DKC1 Rabbit mAb - Additional Information**

Gene ID 1736

**Other Names**

DKC1

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

**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](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



