10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DKC1 Rabbit mAb
Catalog # AP75361

Specification

DKC1 Rabbit mAb - Product Information

Application	**WB, IHC, IF**
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~~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, 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}

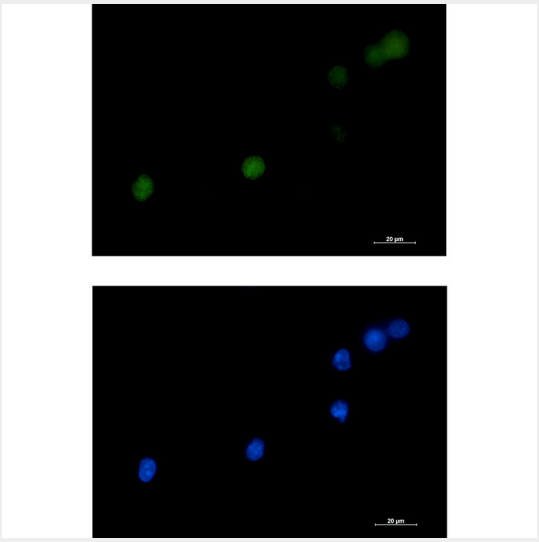
Tissue Location
Ubiquitously expressed.

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 Cytomety
- Cell Culture

DKC1 Rabbit mAb - Images



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