

# DKC1 Rabbit mAb

Catalog # AP75361

## Product Information

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

## Additional Information

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Gene ID	1736
Other Names	DKC1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
Format	Liquid

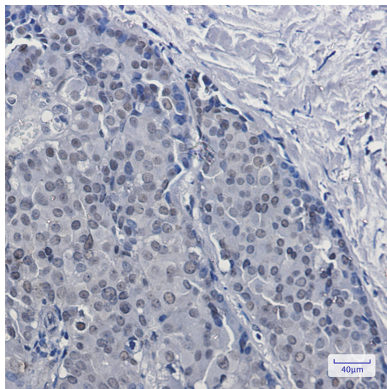
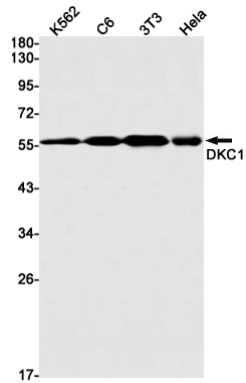
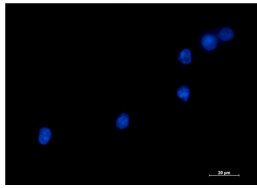
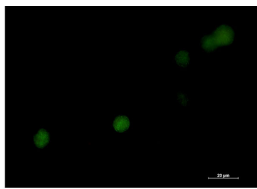
## Protein Information

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Name	DKC1 ( <a href="#">HGNC:2890</a> )
Synonyms	NOLA4
Function	[Isoform 1]: Catalytic subunit of H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA (PubMed: <a href="#">25219674</a> , PubMed: <a href="#">32554502</a> ). This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1 (PubMed: <a href="#">25219674</a> ). 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: <a href="#">19179534</a> , PubMed: <a href="#">25219674</a> ). Also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme (PubMed: <a href="#">19179534</a> ).
Cellular Location	[Isoform 1]: Nucleus, nucleolus. Nucleus, Cajal body {ECO:0000250 UniProtKB:P40615}
Tissue Location	Ubiquitously expressed.

## Images

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