



Rabbit Anti-Human DKC Polyclonal Antibody (CABT-L2206)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Dyskerin (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against DKC. It has been selected for its ability to recognize DKC in immunohistochemical staining and western blotting.
Target	DKC
Immunogen	Recombinant fragment corresponding to human DKC1 (Arg298~Leu465)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags
Warnings	For research use only.

BACKGROUND

Introduction	This gene functions in two distinct complexes. It plays an active role in telomerase stabilization and maintenance, as well as recognition of snoRNAs containing H/ACA sequences which provides stability during biogenesis and assembly into H/ACA small nucleolar RNA ribonucleoproteins (snoRNPs). This gene is highly conserved and widely expressed, and may play additional roles in nucleo-cytoplasmic shuttling, DNA damage response, and cell adhesion. Mutations have been associated with X-linked dyskeratosis congenita. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Keywords	DKC1;NAP57;NOLA4;NAP57;Dyskeratosis Congenita 1;H/ACA Ribonucleoprotein Complex Subunit 4;Nopp140-associated protein of 57 kDa;Nucleolar protein family A member 4

GENE INFORMATION

Gene Name	DKC1 dyskeratosis congenita 1, dyskerin [Homo sapiens (human)]
Official Symbol	DKC1
Synonyms	DKC1; dyskeratosis congenita 1, dyskerin; DKC; CBF5; DKCX; NAP57; NOLA4; XAP101; H/ACA ribonucleoprotein complex subunit 4; CBF5 homolog; snoRNP protein DKC1; nucleolar protein NAP57; nucleolar protein family A member 4; nopp140-associated protein of 57 kDa;
Protein Refseq	NP_001135935
UniProt ID	O60832
Chromosome Location	Xq28
Pathway	Cell Cycle; Chromosome Maintenance; Extension of Telomeres; H/ACA ribonucleoprotein complex; Regulation of Telomerase; Ribosome biogenesis in eukaryotes; Telomere Extension By Telomerase; Telomere Maintenance;
Function	RNA binding; poly(A) RNA binding; protein binding; pseudouridine synthase activity; telomerase activity;