DKC1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DKC1, Polyclonal Antibody
Full Product Name	DKC1
Product Gene Name	anti-DKC1 antibody
Product Synonym Names	Purified Rabbit Anti Human DKC1 Polyclonal antibody; DKC; CBF5; DKCX; NAP57; NOLA4; XAP101
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	58KD
Immunogen	Recombinant fragment corresponding to 220aa-441aa of human DKC1.
Cellular Localization	Cytoplasm, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DKC1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-DKC1 antibody	ELISA: 1:20000-80000 WB: 1:200-1,000 IHC: 1:100-500
Related Product Information for anti-DKC1 antibody	MBS8563376 is an antibody targeting DKC1. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens dyskeratosis congenita 1, dyskerin, mRNA
Product References and Citations for anti-DKC1 antibody	Aalfs C M. Van d B H. Barth P G. et al. The Hoyeraal-Hreidarsson syndrome: the fourth case of a separate entity with prenatal growth retardation. progressive pancytopenia and cerebellar hypoplasia. European Journal of Pediatrics. 154 (4):304 (1995)
Other Notes	Small volumes of anti-DKC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DKC1. It may not necessarily be applicable to this product.

NCBI GI #	33874914
NCBI GeneID	1736
NCBI Accession #	BC009928
UniProt Related Accession #	O60832
NCBI Official Full Name	Homo sapiens dyskeratosis congenita 1, dyskerin, mRNA

NCBI Official Synonym Full Names	dyskerin pseudouridine synthase 1
NCBI Official Symbol	DKC1
NCBI Official Synonym Symbols	DKC; CBF5; DKCX; NAP57; NOLA4; XAP101
NCBI Protein Information	H/ACA ribonucleoprotein complex subunit DKC1
NCBI Summary for DKC1	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]
Research Articles on DKC1	**1.** DKC1 mutation is associated with X-chromosome-linked telomere biology disorder.
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