

Rabbit anti-Human, Mouse DKC1 Polyclonal Antibody | anti-DKC1 antibody

DKC1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313354	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DKC1; Polyclonal Antibody; DKC1 Rabbit Polyclonal Antibody; CBF5; DKC; DKCX; NAP57; NOLA4; XAP101; anti-DKC1 antibody

PRODUCT SPECIFICATIONS

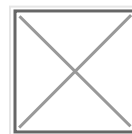
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-DKC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DKC1 (NP_001354.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



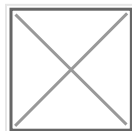
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using DKC1 at dilution of 1:100. Blue: DAPI for nuclear staining.



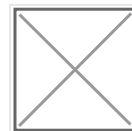
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using DKC1 at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DKC1 at 1:3000 dilution.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using DKC1 at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-DKC1 antibody

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.

Product Categories/Family for anti-DKC1 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503337
NCBI GeneID	1736
NCBI Accession #	NP_001354.1
NCBI GenBank Nucleotide #	NM_001363.3
UniProt Accession #	O60832; O43845; Q96G67; Q9Y505; F5BSB3
Molecular Weight	57,674 Da
NCBI Official Full Name	H/ACA ribonucleoprotein complex subunit 4 isoform 1
NCBI Official Synonym Full Names	dyskeratosis congenita 1, dyskerin
NCBI Official Symbol	DKC1
NCBI Official Synonym Symbols	DKC; CBF5; DKCX; NAP57; NOLA4; XAP101
NCBI Protein Information	H/ACA ribonucleoprotein complex subunit 4; CBF5 homolog; cbf5p homolog; snoRNP protein DKC1; nucleolar protein NAP57; nucleolar protein family A member 4; nopp140-associated protein of 57 kDa
UniProt Protein Name	H/ACA ribonucleoprotein complex subunit 4
UniProt Gene Name	DKC1
UniProt Synonym Gene Names	NOLA4
UniProt Entry Name	DKC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dkc1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313354>