

Rabbit Dyskerin Polyclonal Antibody | anti-DKC antibody

Dyskerin (DKC) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144733	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Dyskerin; Polyclonal Antibody; Dyskerin (DKC) Polyclonal Antibody; DKC1; NAP57; NOLA4; Dyskeratosis Congenita 1; H/ACA Ribonucleoprotein Complex Subunit 4; Nopp140-associated protein of 57 kDa; Nucleolar protein family A member 4; anti-DKC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
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.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	514
Applicable Applications for anti-DKC antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	DKC (Arg298~Leu465)
Quality Control	Content: The quality control contains recombinant DKC (Arg298~Leu465) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: DKC knockout HepG2 cell lysate; Predicted MW: 58,48kd Observed MW: 58kd Primary Ab: 1ug/ml Rabbit Anti-Human DKC Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)

Western Blot: Sample: Recombinant DKC, Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human HepG2 Cells; Lane2: Human Jurkat Cells; Lane3: Human Hela Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DKC antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215599015
NCBI GeneID	1736
NCBI Accession #	NP_001135935.1
NCBI GenBank Nucleotide #	NM_001142463.2
UniProt Accession #	O60832; O43845; Q96G67; Q9Y505; F5BSB3
Molecular Weight	47,603 Da
NCBI Official Full Name	H/ACA ribonucleoprotein complex subunit 4 isoform 2
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 4
UniProt Protein Name	H/ACA ribonucleoprotein complex subunit 4
UniProt Gene Name	DKC1
UniProt Synonym Gene Names	NOLA4

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/dyskerin-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144733>