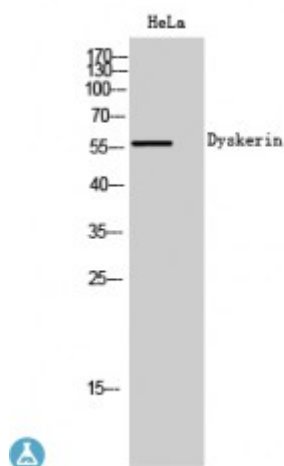


Anti-Dyskerin antibody



Description	Rabbit polyclonal to Dyskerin.
Model	STJ92804
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Dyskerin
Immunogen Region	140-220 aa, Internal
Gene ID	1736
Gene Symbol	DKC1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	Dyskerin Polyclonal Antibody detects endogenous levels of Dyskerin protein.
Tissue Specificity	Ubiquitously expressed.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	H/ACA ribonucleoprotein complex subunit 4 CBF5 homolog Dyskerin Nopp140-associated protein of 57 kDa Nucleolar protein NAP57 Nucleolar protein family A member 4 snoRNP protein DKC1
Molecular Weight	57 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:28900MIM:300126
Alternative Names	H/ACA ribonucleoprotein complex subunit 4 CBF5 homolog Dyskerin Nopp140-associated protein of 57 kDa Nucleolar protein NAP57 Nucleolar protein family A member 4 snoRNP protein DKC1
Function	Isoform 1: Required for ribosome biogenesis and telomere maintenance. Probable catalytic subunit of H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA. This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1. Each rRNA can contain up to 100 pseudouridine ('psi') residues, which may serve to stabilize the conformation of rRNAs. Also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.; Isoform 3: Promotes cell to cell and cell to substratum adhesion, increases the cell proliferation rate and leads to cytokeratin hyper-expression (when overexpressed in HeLa cells).
Cellular Localization	Isoform 1: Nucleus, nucleolus. Nucleus, Cajal body. Also localized to Cajal bodies (coiled bodies).. Isoform 3: Cytoplasm.