DKC1 Conjugated Antibody

Catalog No: #C49777

Package Size: #C49777-AF350 100ul #C49777-AF405 100ul #C49777-AF488 100ul #C49777-AF555 100ul #C49777-AF594 100ul #C49777-AF647 100ul #C49777-AF680 100ul #C49777-AF750 100ul #C49777-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	DKC1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CBF5 antibody CBF5 homolog antibody Cbf5p homolog antibody DKC 1 antibody DKC antibody Dkc1 antibody DKC1_HUMAN antibody DKCX antibody Dyskeratosis congenita 1 antibody Dyskeratosis congenita 1 dyskerin antibody Dyskerin antibody H/ACA ribonucleoprotein complex subunit 4 antibody NAP 57 antibody NAP57 antibody NOLA 4 antibody NOLA4 antibody Nopp140 associated protein of 57 kDa antibody Nopp140-associated protein of 57 kDa antibody Nucleolar protein family A member 4 antibody Nucleolar protein NAP57 antibody snoRNP protein DKC1 antibody XAP 101 antibody XAP101 antibody
Accession No.	Swiss-Prot#:O60832
Uniprot	O60832
GeneID	1736;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	57 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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).

Note: This product is for in vitro research use only