

DKC1 Rabbit mAb

Catalog No: #52254

Package Size: #52254-1 50ul #52254-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

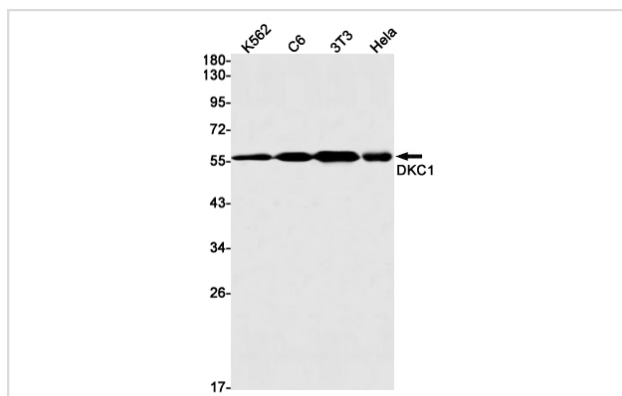
Description

Product Name	DKC1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-2D8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human DKC1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	DKC; CBF5; DKCX; NAP57; NOLA4; XAP101
Accession No.	Swiss-Prot:O60832GeneID:1736
Uniprot	O60832
GeneID	1736
Calculated MW	Calculated MW: 58 kDa; Observed MW: 58 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

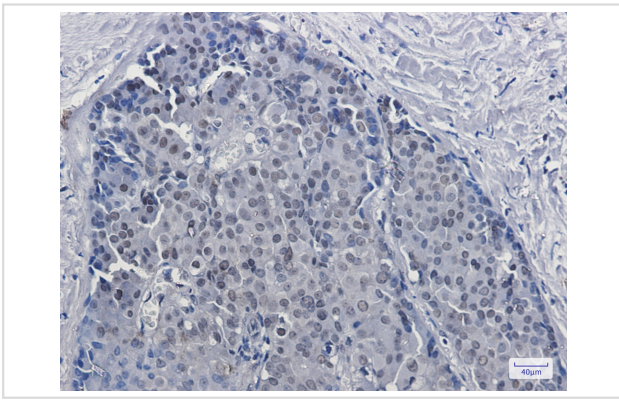
Application Details

WB: 1/1000-1/5000; IHC: 1/20;

Images



Western blot detection of DKC1 in K562,C6,3T3,HeLa cell lysates using DKC1 Rabbit mAb(1:1000 diluted).Predicted band size:58kDa.Observed band size:58kDa.



Immunohistochemistry of DKC1 in paraffin-embedded Human breast cancer tissue using DKC1 Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.O60832.Isoform 1: Catalytic subunit of H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA (PubMed:25219674). This involves the isomerization of uridine such that the ribose is subsequently attached to C5, instead of the normal N1 (PubMed:25219674). Each rRNA can contain up to 100 pseudouridine ('psi') residues, which may serve to stabilize the conformation of rRNAs. Required for ribosome biogenesis and telomere maintenance (PubMed:19179534, PubMed:25219674). Also required for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme (PubMed:19179534).

Note: This product is for in vitro research use only