

CdcA7 Polyclonal Antibody

Catalog No :	YT0821
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	CdcA7
Gene Name :	CDCA7
Protein Name :	Cell division cycle-associated protein 7
Human Gene Id :	83879
Human Swiss Prot No :	Q9BWT1
Mouse Gene Id :	66953
Mouse Swiss Prot No :	Q9D0M2
Rat Gene Id :	311742
Rat Swiss Prot No :	Q4KM91
Immunogen :	The antiserum was produced against synthesized peptide derived from human CDCA7. AA range:141-190
Specificity :	CdcA7 Polyclonal Antibody detects endogenous levels of CdcA7 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	43kD
Background :	cell division cycle associated 7(CDCA7) Homo sapiens This gene was identified as a c-Myc responsive gene, and behaves as a direct c-Myc target gene. Overexpression of this gene is found to enhance the transformation of lymphoblastoid cells, and it complements a transformation-defective Myc Box II mutant, suggesting its involvement in c-Myc-mediated cell transformation. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],
Function :	function:Participates in MYC-mediated cell transformation; induces anchorage-independent growth and clonogenicity in lymphoblastoid cells. Insufficient to induce tumorigenicity when overexpressed but contributes to MYC-mediated tumorigenesis. May play a role as transcriptional regulator.,induction:Activated by MYC and possibly E2F1.,miscellaneous:CDCA7 expression is correlated with MYC expression in lymphoblastoid, lymphoma and breast cancer cell lines.,tissue specificity:Ubiquitous with higher level in thymus and small intestine. Overexpressed in a large number of tumors, in blood from patients with acute myelogenous leukemia (AML) and in chronic myelogenous leukemia (CML) blast crisis.,
Subcellular Location :	Nucleus. Cytoplasm. Predominantly nuclear with some expression also seen in the cytoplasm. Predominantly cytoplasmic when phosphorylated at Thr-163.
Expression :	Ubiquitous with higher level in thymus and small intestine. Overexpressed in a large number of tumors, in blood from patients with acute myelogenous leukemia (AML) and in chronic myelogenous leukemia (CML) blast crisis.
Sort :	3763
Host :	Rabbit
Modifications :	Unmodified

Products Images

