



CdcA7 Polyclonal Antibody

Catalog No	BYab-16694
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	CDCA7
Protein Name	Cell division cycle-associated protein 7
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDCA7; JPO1; Cell division cycle-associated protein 7; Protein JPO1
Observed Band	43kD
Cell Pathway	Nucleus. Cytoplasm. Predominantly nuclear with some expression also seen in the cytoplasm. Predominantly cytoplasmic when phosphorylated at Thr-163.
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.
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

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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],

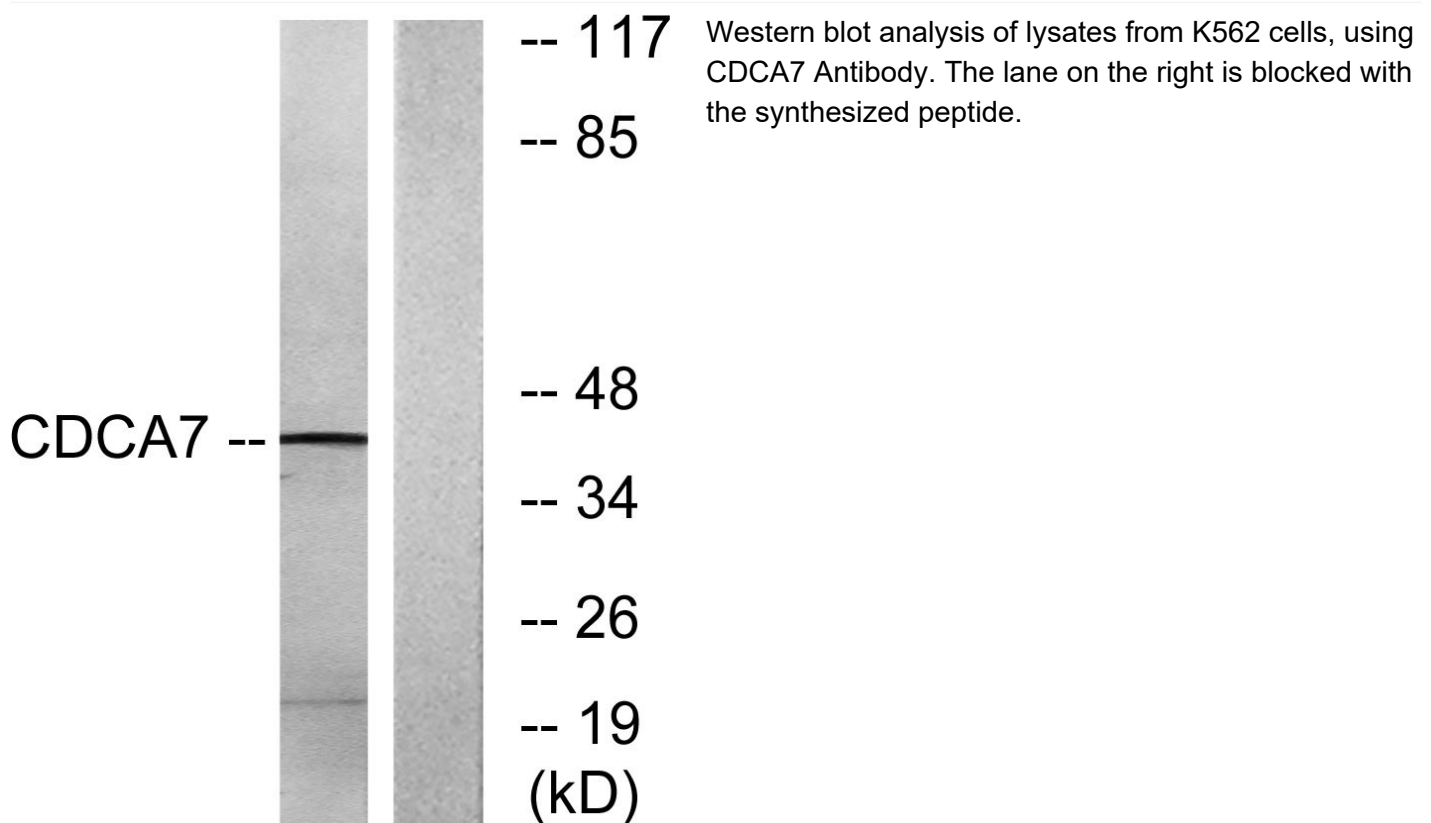
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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