ELK Biotechnology

CdcA7 rabbit pAb

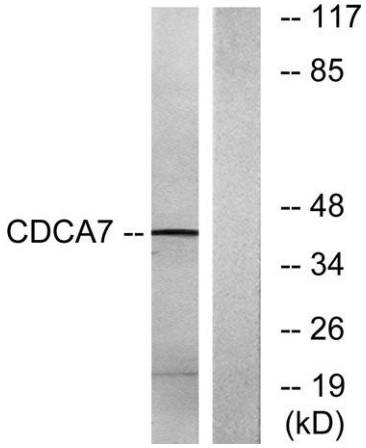
Cat No.:ES7716

For research use only

Overview

Product Name	CdcA7 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cell division cycle-associated protein 7
Gene Name	CDCA7
Cellular localization	Nucleus. Cytoplasm. Predominantly nuclear with some expression also seen in the cytoplasm. Predominantly cytoplasmic when phosphorylated at Thr-163.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	43kD
Human Gene ID	83879
Human Swiss-Prot Number	Q9BWT1
Alternative Names	CDCA7; JPO1; Cell division cycle-associated protein 7; Protein JPO1
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],



Western blot analysis of lysates from K562 cells, using CDCA7 Antibody. The lane on the right is blocked with the synthesized peptide.

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