



# Cdc23 Polyclonal Antibody

<b>Catalog No</b>	BYab-16677
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Monkey
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CDC23
<b>Protein Name</b>	Cell division cycle protein 23 homolog
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human APC8. AA range:251-300
<b>Specificity</b>	Cdc23 Polyclonal Antibody detects endogenous levels of Cdc23 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CDC23; ANAPC8; Cell division cycle protein 23 homolog; Anaphase-promoting complex subunit 8; APC8; Cyclosome subunit 8
<b>Observed Band</b>	69kD
<b>Cell Pathway</b>	intracellular,nucleoplasm,anaphase-promoting complex,cytosol,
<b>Tissue Specificity</b>	Bone marrow,Brain,Duodenum,Epithelium,Pancreas,Placenta,
<b>Function</b>	function:Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated. Phosphorylation on Thr-556 occurs specifically during mitosis.,similarity:Belongs to the APC8/CDC23 family.,similarity:Contains 9 TPR repeats.,subunit:The APC/C is composed of at least 11 subunits.,
<b>Background</b>	The protein encoded by this gene shares strong similarity with <i>Saccharomyces cerevisiae</i> Cdc23, a protein essential for cell cycle progression through the G2/M

Nanjing BYabscience technology Co.,Ltd



transition. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eukaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction. [provided by RefSeq, Jul 2008],

**matters needing attention**

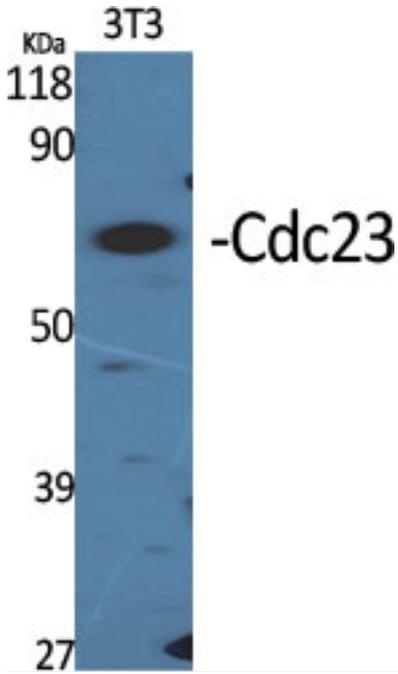
Avoid repeated freezing and thawing!

**Usage suggestions**

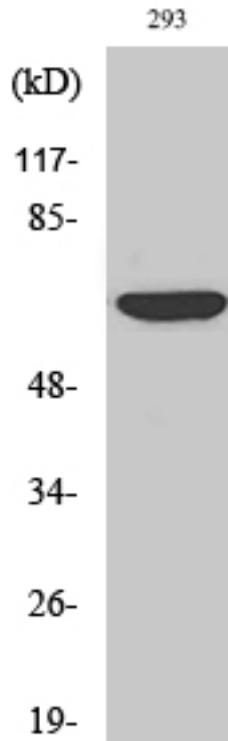
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western Blot analysis of various cells using Cdc23 Polyclonal Antibody diluted at 1:2000



Western Blot analysis of COS7 cells using Cdc23 Polyclonal Antibody diluted at 1:2000

Nanjing BYabscience technology Co.,Ltd