



Cdc23 Polyclonal Antibody

Catalog No	BYab-16677
Isotype	IgG
Reactivity	Human;Mouse;Monkey
Applications	WB;ELISA
Gene Name	CDC23
Protein Name	Cell division cycle protein 23 homolog
Immunogen	The antiserum was produced against synthesized peptide derived from human APC8. AA range:251-300
Specificity	Cdc23 Polyclonal Antibody detects endogenous levels of Cdc23 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	CDC23; ANAPC8; Cell division cycle protein 23 homolog; Anaphase-promoting complex subunit 8; APC8; Cyclosome subunit 8
Observed Band	69kD
Cell Pathway	intracellular,nucleoplasm,anaphase-promoting complex,cytosol,
Tissue Specificity	Bone marrow,Brain,Duodenum,Epithelium,Pancreas,Placenta,
Function	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.,
Background	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

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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.

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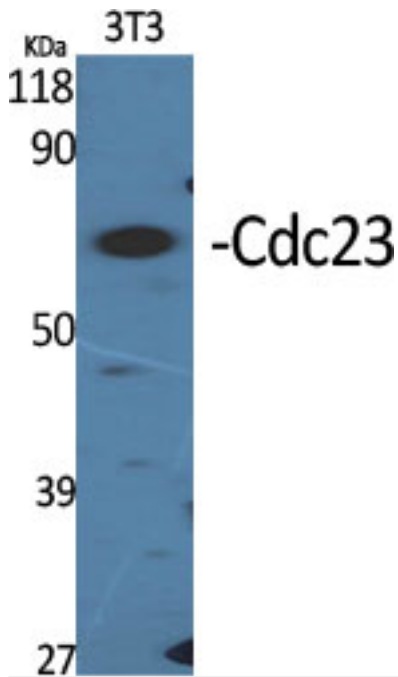
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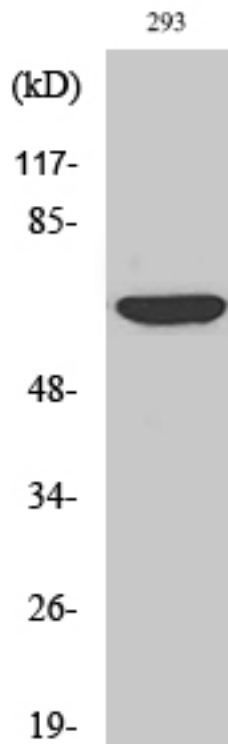
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Products Images



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

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