

Datasheet for ABIN2462655
anti-CDC23 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	CDC23
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC23 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CDC23.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	CDC23
Alternative Name:	CDC23 (CDC23 Products)
Background:	CDC23 shares strong similarity with <i>Saccharomyces cerevisiae</i> Cdc23, a protein essential for cell cycle progression through the G2/M 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

Target Details

	the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction.
Molecular Weight:	66 kDa, 73 kDa
Gene ID:	8697
NCBI Accession:	NP_004652
UniProt:	Q9UJX2
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	CDC23 antibody can be used for detection of CDC23 by ELISA at 1:312500. CDC23 antibody can be used for detection of CDC23 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store CDC23 antibody at -20 °C.



Western Blotting

Image 1.