Datasheet for ABIN629729

anti-CDC23 antibody

1 Image

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Overview

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

Product Details

Immunogen:	CDC23 antibody was raised using a synthetic peptide corresponding to a region with amino acids RAAHFLHGCNSKKAYFLYMYSRYLSGEKKKDDETVDSLGPLEKGQVKNEA
Purification:	Purified

Target Details

Target:	CDC23
Alternative Name:	CDC23 (CDC23 Products)
Background:	CDC23 shares strong similarity with Saccharomyces cerevisiae 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 (MW of target protein)
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	WB: 1.25 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CDC23 Blocking Peptide, catalog no. 33R-7799, is also available for use as a blocking control in assays to test for specificity of this CDC23 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CDC23 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Western Blotting

Image 1. CDC23 antibody used at 1.25 ug/ml to detect target protein.