Datasheet for ABIN2775691

anti-CDC23 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	CDC23
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC23 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CDC23
Sequence:	DTREEGKALL RQILQLRNQG ETPTTEVPAP FFLPASLSAN NTPTRRVSPL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CDC23. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CDC23

Target Details

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 the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction.The protein encoded by this gene 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 eucaryotic 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. Alias Symbols: APC8, CUT23, ANAPC8 Protein Interaction Partner: CCDC36, DLX6-AS1, SPERT, KCTD6, FAM9B, CCDC24, SSX2IP, PNMA5, CRACR2A, LZTS2, ATRIP, INCA1, CEP44, SLC52A2, EIF5A2, BCAS3, CYB5R2, HEMK1, RSL24D1, RBM15B, ANAPC2, UBE2S, INPP5J, GORASP2, ANAPC13, RAD54B, RBPMS, OPTN, CDC23, APOL1, COIL, UBC, SOX5, SIAH1, Protein Size: 591
Molecular Weight:	65 kDa
Gene ID:	8697
NCBI Accession:	NM_004661, NP_004652
UniProt:	Q9UJX2
Pathways:	Protein targeting to Nucleus

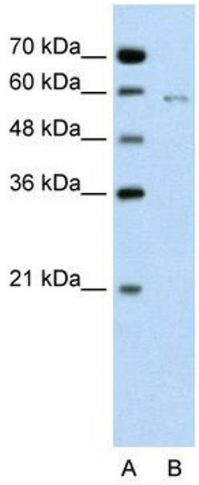
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 591 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



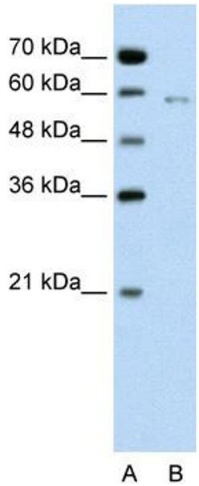
Western Blotting

Image 1. WB Suggested Anti-CDC23

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate

CDC23 is supported by BioGPS gene expression data to be expressed in Jurkat



Western Blotting

Image 2. WB Suggested Anti-CDC23 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate CDC23 is supported by BioGPS gene expression data to be expressed in Jurkat