

For Research Use Only

# CDC23 Polyclonal antibody

Catalog Number: 10683-1-AP

1 Publications



## Basic Information

Catalog Number:

10683-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1068

GenBank Accession Number:

BC005258

GeneID (NCBI):

8697

UNIPROT ID:

Q9UJX2

Full Name:

cell division cycle 23 homolog (S. cerevisiae)

Calculated MW:

68 kDa

Observed MW:

69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : MOLT-4 cells, HEK-293 cells, Jurkat cells, K-562 cells, Caco-2 cells

## Background Information

CDC23 (cell division cycle protein 23 homolog) is also named ANAPC8 and belongs to the APC8/CDC23 family. It is a subunit of the anaphase-promoting complex (APC), which functions at the metaphase-to-anaphase transition of the cell cycle and is regulated by spindle checkpoint proteins. It can be phosphorylated and the phosphorylation of Thr-562 occurs specifically during mitosis (PMID:19690332). It has 3 isoforms produced by alternative splicing with the molecular weight of 69 kDa, 17 kDa, and 56 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qi Li	39018254	Adv Sci (Weinh)	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

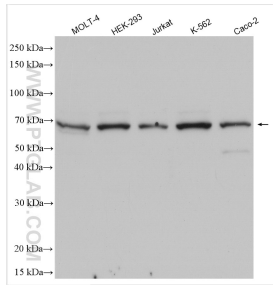
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10683-1-AP (CDC23 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.