

# Cdc23 Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP01574

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human APC8. AA range:251-300

Mol wt 68286

Species reactivity Human, Mouse, Monkey

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Cdc23 Antibody

Synonyms CDC23; ANAPC8; Cell division cycle protein 23 homolog; Anaphase-promoting complex subunit 8;

APC8; Cyclosome subunit 8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

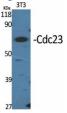
Cell division cycle 23 encoded by CDC23 shares strong similarity with Saccharomyces cerevisiae Cdc23, a protein essential for cell cycle progression through the G2/M transition. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved 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.

### Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 20000

Not yet tested in other applications.





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

## Storage

-20°C for one year

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