

### **CDC23 Antibody (Internal)**

Rabbit Polyclonal Antibody Catalog # ALS13569

# **Specification**

### CDC23 Antibody (Internal) - Product Information

Application ICC
Primary Accession O9UJX2

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 69kDa KDa

### CDC23 Antibody (Internal) - Additional Information

**Gene ID 8697** 

#### **Other Names**

Cell division cycle protein 23 homolog, Anaphase-promoting complex subunit 8, APC8, Cyclosome subunit 8, CDC23, ANAPC8

## **Target/Specificity**

Human CDC23

#### **Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

### **Precautions**

CDC23 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

### CDC23 Antibody (Internal) - Protein Information

Name CDC23

### Synonyms ANAPC8

### **Function**

Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.

### CDC23 Antibody (Internal) - Protocols



Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# CDC23 Antibody (Internal) - Images



Immunocytochemistry of APC8 in K562 cells with APC8 antibody at 5 ug/ml.

# CDC23 Antibody (Internal) - Background

Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.

### **CDC23 Antibody (Internal) - References**

Oyamatsu T.,et al.Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004).

Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Schmutz J., et al. Nature 431:268-274(2004).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.