

**Cdc23/APC8 Antibody**  
**Rabbit mAb**  
**Catalog # AP90946****Specification**

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**Cdc23/APC8 Antibody - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">O9UJX2</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
CDC23; ANAPC8; APC8; Cell division cycle 23; CUT23; Cyclosome subunit 8;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	68834 Da

**Cdc23/APC8 Antibody - Additional Information**

Dilution	WB~~1:1000 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cdc23/APC8
Description	Anaphase-promoting complex subunit 8 (APC8, CDC23) is a component of the tetratricopeptide repeat (TPR) APC/C sub-complex that also includes APC3 (CDC27) and APC6 (CDC16). APC8 protein associates with APC3 and APC6 to facilitate recruitment of the APC/C coactivation subunits CDC20 and Cdh1/FZR1. Research studies suggest that APC8 protein is overexpressed in papillary thyroid cancer and acts as an important regulator of cell cycle progression and cell growth.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Cdc23/APC8 Antibody - Protein Information**

**Name** CDC23

**Synonyms** ANAPC8

**Function**

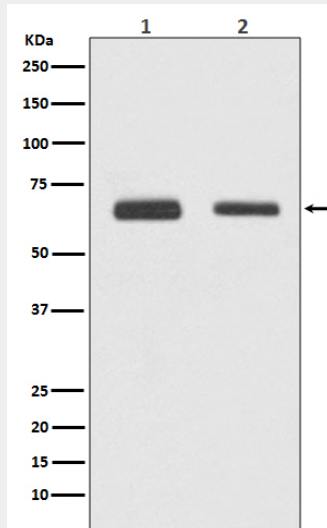
Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle (PubMed:<a href="http://www.uniprot.org/citations/18485873" target="\_blank">18485873</a>). The APC/C complex acts by 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 (PubMed:<a href="http://www.uniprot.org/citations/18485873" target="\_blank">18485873</a>). The APC/C complex catalyzes assembly of branched 'Lys-11'-/'Lys-48'-linked branched ubiquitin chains on target proteins (PubMed:<a href="http://www.uniprot.org/citations/29033132" target="\_blank">29033132</a>).

### Cdc23/APC8 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Cdc23/APC8 Antibody - Images



Western blot analysis of Cdc23/APC8 expression in (1)HepG2 cell lysate; (2)Jurkat cell lysate.