

**CDC27 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51060**

**Specification**

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**CDC27 Antibody - Product Information**

Application	<b>WB, IP, IHC-P, E</b>
Primary Accession	<a href="#">P30260</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>97 KDa</b>

**CDC27 Antibody - Additional Information**

**Gene ID** 996

**Other Names**

Cell division cycle protein 27 homolog, Anaphase-promoting complex subunit 3, APC3, CDC27 homolog, CDC27Hs, H-NUC, CDC27, ANAPC3, D0S1430E, D17S978E

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**CDC27 Antibody - Protein Information**

**Name** CDC27

**Synonyms** ANAPC3, D0S1430E, D17S978E

**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>).

**Cellular Location**

Nucleus. Cytoplasm, cytoskeleton, spindle

## **CDC27 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](#)

## **CDC27 Antibody - Images**

### **CDC27 Antibody - 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.

### **CDC27 Antibody - References**

Tugendreich S., et al. Proc. Natl. Acad. Sci. U.S.A. 90:10031-10035(1993).  
Chen P.L., et al. Cell Growth Differ. 6:199-210(1995).  
Zody M.C., et al. Nature 440:1045-1049(2006).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Kraft C., et al. EMBO J. 22:6598-6609(2003).