

**Anti-Cdc27/APC3 Rabbit Monoclonal Antibody**  
**Catalog # ABO14038**

**Specification**

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**Anti-Cdc27/APC3 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P30260</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-Cdc27/APC3 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

**Anti-Cdc27/APC3 Rabbit Monoclonal 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

**Calculated MW**

91867 MW KDa

**Application Details**

WB 1:500-1:2000

**Subcellular Localization**

Nucleus.

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Cdc27/APC3

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-Cdc27/APC3 Rabbit Monoclonal Antibody - Protein Information**

**Name** CDC27

**Synonyms** ANAPC3, DOS1430E, 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**

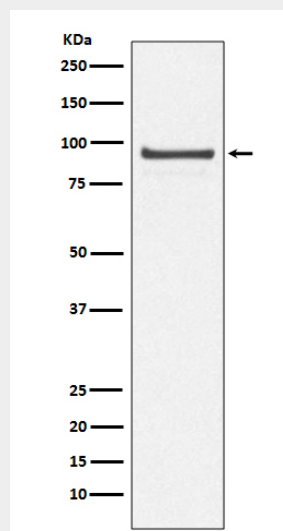
Nucleus. Cytoplasm, cytoskeleton, spindle

**Anti-Cdc27/APC3 Rabbit Monoclonal 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](#)

**Anti-Cdc27/APC3 Rabbit Monoclonal Antibody - Images**



Western blot analysis of Cdc27/APC3 expression in 293T cell lysate.