

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

Specification

CDC27 Antibody - Product Information

Application	WB, IP, IHC-P, E
Primary Accession	P30260
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97 KDa

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:18485873). 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:18485873). The APC/C complex catalyzes assembly of branched 'Lys-11'-/'Lys-48'-linked branched ubiquitin chains on target proteins (PubMed:29033132).

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).