

CDC26 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5544b**Specification**

CDC26 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q8NHZ8](#)
Other Accession [NP_644815.1](#)

CDC26 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 246184

Other Names

Anaphase-promoting complex subunit CDC26, Anaphase-promoting complex subunit 12, APC12, Cell division cycle protein 26 homolog, CDC26, ANAPC12, C9orf17

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CDC26 Antibody (C-term) Blocking peptide - Protein Information

Name CDC26

Synonyms ANAPC12, C9orf17

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. May recruit the E2 ubiquitin-conjugating enzymes to the complex.

Cellular Location

Nucleus.

CDC26 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CDC26 Antibody (C-term) Blocking peptide - Images

CDC26 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is highly similar to *Saccharomyces cerevisiae* Cdc26, a component of cell cycle anaphase-promoting complex (APC). APC is composed of a group of highly conserved proteins and functions as a cell cycle-regulated ubiquitin-protein ligase. APC thus is responsible for the cell cycle regulated proteolysis of various proteins. [provided by RefSeq].

CDC26 Antibody (C-term) Blocking peptide - References

Jin, L., et al. Cell 133(4):653-665(2008) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Dube, P., et al. Mol. Cell 20(6):867-879(2005) Humphray, S.J., et al. Nature 429(6990):369-374(2004)