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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

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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 toSaccharomyces cerevisiae Cdc26, a component of cell cycleanaphase-promoting complex (APC). APC is composed of a group ofhighly conserved proteins and functions as a cell cycle-regulatedubiquitin-protein ligase. APC thus is responsible for the cellcycle regulated proteolysis of various proteins. [provided byRefSeq].

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)