

CDC25C Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7862d**Specification**

CDC25C Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P30307](#)

CDC25C Antibody (Center) Blocking Peptide - Additional Information

Gene ID 995

Other Names

M-phase inducer phosphatase 3, Dual specificity phosphatase Cdc25C, CDC25C

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.

CDC25C Antibody (Center) Blocking Peptide - Protein Information

Name CDC25C

Function

Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle (PubMed:8119945). When phosphorylated, highly effective in activating G2 cells into prophase (PubMed:8119945). Directly dephosphorylates CDK1 and activates its kinase activity (PubMed:8119945).

Cellular Location

Nucleus

CDC25C Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CDC25C Antibody (Center) Blocking Peptide - Images**CDC25C Antibody (Center) Blocking Peptide - Background**

CDC25C is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest.

CDC25C Antibody (Center) Blocking Peptide - References

Varmeh,S., Mol. Cancer Ther. 7 (12), 3789-3799 (2008)Long,J.M., Cell Cycle 7 (19), 3062-3073 (2008)Bonnet,J., Cell Cycle 7 (13), 1991-1998 (2008)