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CENPC1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP16246c

Specification

CENPC1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q03188

CENPC1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 1060

Other Names
Centromere protein C, CENP-C, Centromere autoantigen C, Centromere protein C 1, CENP-C 1, Interphase centromere complex protein 7, CENPC, CENPC1, ICEN7

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.

CENPC1 Antibody (Center) Blocking Peptide - Protein Information

Name CENPC

Synonyms CENPC1, ICEN7

Function
Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. CENPC recruits DNA methylation and DNMT3B to both centromeric and pericentromeric satellite repeats and regulates the histone code in these regions.

Cellular Location
Nucleus. Chromosome, centromere, kinetochore. Chromosome, centromere. Note=Localizes exclusively in the kinetochore domain of centromeres.

CENPC1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

CENPC1 Antibody (Center) Blocking Peptide - Images

CENPC1 Antibody (Center) Blocking Peptide - Background

Centromere protein C 1 is a centromere autoantigen and acomponent of the inner kinetochore plate. The protein is requiredfor maintaining proper kinetochore size and a timely transition toanaphase. A putative pseudogene exists on chromosome 12. [providedby RefSeq].

CENPC1 Antibody (Center) Blocking Peptide - References

Gopalakrishnan, S., et al. Hum. Mol. Genet. 18(17):3178-3193(2009)Yosifova, A., et al. J Affect Disord 117 (1-2), 87-97 (2009) :Baranzini, S.E., et al. Hum. Mol. Genet. 18(4):767-778(2009)Trazzi, S., et al. PLoS ONE 4 (6), E5832 (2009) :Seshadri, S., et al. BMC Med. Genet. 8 SUPPL 1, S15 (2007) :