

CENPO Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17884a**Specification**

CENPO Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9BU64](#)**CENPO Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 79172**Other Names**

Centromere protein O, CENP-O, Interphase centromere complex protein 36, CENPO, ICEN36, MCM21R

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.

CENPO Antibody (N-term) Blocking Peptide - Protein Information**Name** CENPO**Synonyms** ICEN36, MCM21R**Function**

Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Modulates the kinetochore-bound levels of NDC80 complex.

Cellular Location

Nucleus. Chromosome, centromere. Chromosome, centromere, kinetochore. Note=The CENPA-CAD complex is probably recruited on centromeres by the CENPA-NAC complex

CENPO Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CENPO Antibody (N-term) Blocking Peptide - Images

CENPO Antibody (N-term) Blocking Peptide - Background

CENPO is a subunit of a CENPH (MIM 605607)-CENPI (MIM300065)-associated centromeric complex that targets CENPA (MIM117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed16622420]).

CENPO Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Xin, X., et al. Genome Res. 19(7):1262-1269(2009)Saito, A., et al. J. Rheumatol. 36(4):781-786(2009)Lamesch, P., et al. Genomics 89(3):307-315(2007)Izuta, H., et al. Genes Cells 11(6):673-684(2006)