

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



INCENP Peptide

Cat No.: BS60432P

Background

A replicated chromosome includes two kinetochores that control chromosome segregation during mitosis. The centromere proteins CENP-A, CENP-B, CENP-C, CENP-E, CENP-F (also designated mitotin), CENP-H and INCENP are kinetochore proteins that are involved in mitotic events. The centromere proteins are expressed at different levels throughout the cell cycle and are involved in the formation of the centromere and the organization and function of the kinetochore. INCENP, which also is designated inner centromere protein, is a chromosomal passenger protein that is crucial for chromosome segregation. During mitosis it is also required for cytokinesis onset. This protein, which can form a homodimer or a heterodimer, binds directly to microtubules and interacts with AURKB, AURKC, CBX3 and γ Tubulin. This nuclear protein localizes to the mitotic spindle, metaphase chromosomes and during anaphase, to the equatorial cortex.

Swiss-Prot

Q9NQS7

Applications

Blocking

Specificity

This peptide can be used with studies using BS60432 INCENP pAb.

Purification & Purity

Synthetic peptide INCENP. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.