

CCNB1IP1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9400b**Specification**

CCNB1IP1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9NPC3](#)**CCNB1IP1 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 57820

Other Names

E3 ubiquitin-protein ligase CCNB1IP1, 632-, Cyclin-B1-interacting protein 1, Human enhancer of invasion 10, CCNB1IP1, C14orf18, HEI10

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.

CCNB1IP1 Antibody (C-term) Blocking Peptide - Protein Information

Name CCNB1IP1

Synonyms C14orf18, HEI10

Function

Ubiquitin E3 ligase that acts as a limiting factor for crossing-over during meiosis: required during zygonema to limit the colocalization of RNF212 with MutS-gamma-associated recombination sites and thereby establish early differentiation of crossover and non- crossover sites. Later, it is directed by MutL-gamma to stably accumulate at designated crossover sites. Probably promotes the dissociation of RNF212 and MutS-gamma to allow the progression of recombination and the implementation of the final steps of crossing over (By similarity). Modulates cyclin-B levels and participates in the regulation of cell cycle progression through the G2 phase. Overexpression causes delayed entry into mitosis.

Cellular Location

Nucleus. Chromosome. Note=Associates to the synaptonemal complex

Tissue Location

Highly expressed in heart. Detected at intermediate levels in liver and kidney, and at low levels in placenta, brain and lung.

CCNB1IP1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCNB1IP1 Antibody (C-term) Blocking Peptide - Images

CCNB1IP1 Antibody (C-term) Blocking Peptide - Background

HEI10 is a member of the E3 ubiquitin ligase family and functions in progression of the cell cycle through G(2)/M.

CCNB1IP1 Antibody (C-term) Blocking Peptide - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Gronholm, M., et al. Oncogene 25(32):4389-4398(2006)Toby, G.G., et al. Mol. Cell. Biol. 23(6):2109-2122(2003)