

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

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**CCNB1IP1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9NPC3](#)

**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)