

**Anti-CCNB1IP1 Antibody**  
Rabbit polyclonal antibody to CCNB1IP1  
Catalog # AP60761**Specification**

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**Anti-CCNB1IP1 Antibody - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | <b>WB</b>                |
| Primary Accession | <a href="#">O9NPC3</a>   |
| Reactivity        | <b>Human, Mouse, Rat</b> |
| Host              | <b>Rabbit</b>            |
| Clonality         | <b>Polyclonal</b>        |
| Calculated MW     | <b>31544</b>             |

**Anti-CCNB1IP1 Antibody - Additional Information****Gene ID** 57820**Other Names**

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

**Target/Specificity**

Recognizes endogenous levels of CCNB1IP1 protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-CCNB1IP1 Antibody - 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

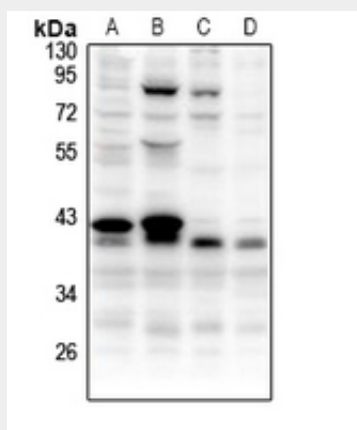
Highly expressed in heart. Detected at intermediate levels in liver and kidney, and at low levels in placenta, brain and lung.

### Anti-CCNB1IP1 Antibody - Protocols

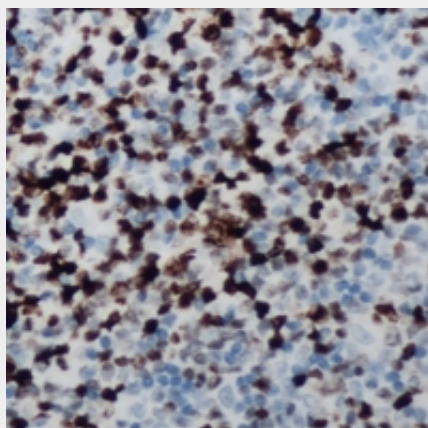
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-CCNB1IP1 Antibody - Images



Western blot analysis of CCNB1IP1 expression in HEK293T (A), COS7 (B), CT26 (C), PC12 (D) whole cell lysates.



Immunohistochemical analysis of CCNB1IP1 staining in human lymph node formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### **Anti-CCNB1IP1 Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CCNB1IP1. The exact sequence is proprietary.