

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

Specification

Anti-CCNB1IP1 Antibody - Product Information

Application	WB
Primary Accession	O9NPC3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31544

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

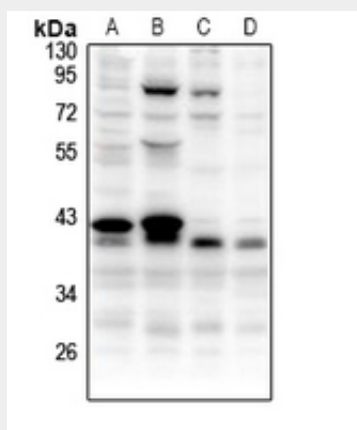
Highly expressed in heart. Detected at intermediate levels in liver and kidney, and at low levels in placenta, brain and lung.

Anti-CCNB1IP1 Antibody - Protocols

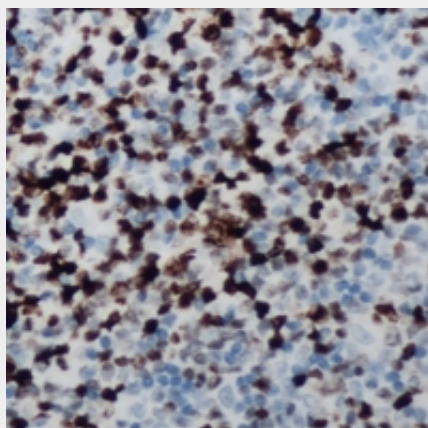
Provided below are standard protocols that you may find useful for product applications.

- [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.