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# Ccnb1ip1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14293

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | D3Z3K2 |
| **Other Accession** | NM_001111119, NP_001104589 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 31386 |

## Additional Information

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| **Gene ID** | 239083 |
| **Alias Symbol** | Gm288, Hei10, mei4 |
| **Other Names** | E3 ubiquitin-protein ligase CCNB1IP1, 6.3.2.-, Cyclin-B1-interacting protein 1, Ccnb1ip1, Gm288, Hei10, Mei4 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-Ccnb1ip1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | Ccnb1ip1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

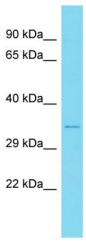
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|---|---|
| **Name** | Ccnb1ip1 |
| **Synonyms** | Gm288, Hei10, Mei4 |
| **Function** | Ubiquitin E3 ligase that acts as a limiting factor for crossing-over during meiosis: required during zygonema to limit the colocalization of RNF212 with MutS-gamma-associated 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. Modulates cyclin-B levels and participates in the regulation of |

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| | 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** | Expressed predominantly in the testes and 17 day embryos (corresponding to prophase I in females). Weakly or not expressed in other tissues. |

## References


Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Ward J.O.,et al.PLoS Genet. 3:E139-E139(2007).
Strong E.R.,et al.Genes (Basel) 1:440-451(2010).
Qiao H.,et al.Nat. Genet. 46:194-199(2014).


## Images




Host: Rabbit
Target Name: Ccnb1ip1
Sample Tissue: Mouse Thymus lysates
Antibody Dilution: 1.0µg/ml


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.