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CCNB1IP1 (C) Antibody, Rabbit Polyclonal

Cat#: R2571-2

Quantity: 100 ul

Predicted | Observed M.W.: 32 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9NPC3

Background:

E3 ubiquitin-protein ligase CCNB1IP1 acts as a limiting factor for crossing-over during meiosis: it is 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. CCNB1IP1 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.

Other Names:

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

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human CCNB1IP1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

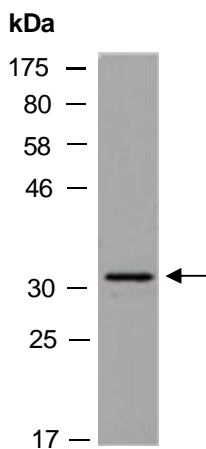


Fig 1. Western blot of total cell extracts from mouse thymus; using anti-CCNB1IP1 (C) (R2571-2) at RT for 2 h.