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HIGH PERFORMANCE ANTIBODIES ... AND MORE

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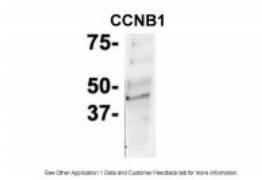
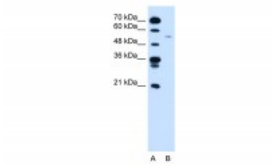
# CCNB1 Antibody

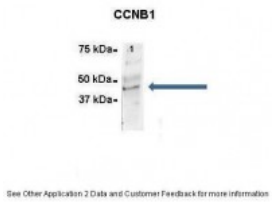
CATALOG NUMBER: 27-300



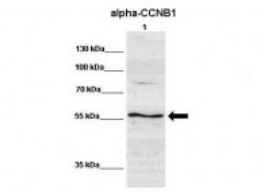

Antibody used in IP on Mouse Brain at: 1:50.




Antibody used in WB on Human Jurkat 0.125 ug/ml.




Antibody used in IP on Human NT2 at: 1:50.




Antibody used in WB on human NT2 line at 1:500.

## Specifications

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|---|---|
| **SPECIES REACTIVITY:** | Human |
| **TESTED APPLICATIONS:** | ELISA, WB |
| **APPLICATIONS:** | CCNB1 antibody can be used for detection of CCNB1 by ELISA at 1:312500. CCNB1 antibody can be used for detection of CCNB1 by western blot at 0.125 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| **USER NOTE:** | Optimal dilutions for each application to be determined by the researcher. |
| **POSITIVE CONTROL:** | 1) Cat. No. 1205 - Jurkat Cell Lysate |
| **PREDICTED MOLECULAR WEIGHT:** | 48 kDa |
| **IMMUNOGEN:** | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CCNB1. |
| **HOST SPECIES:** | Rabbit |

## Properties

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| **PURIFICATION:** | Antibody is purified by peptide affinity chromatography method. |
| **PHYSICAL STATE:** | Lyophilized |
| **BUFFER:** | Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL. |
| **CONCENTRATION:** | 1 mg/ml |

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| **STORAGE CONDITIONS:** | For short periods of storage (days) store at 4˚C. For longer periods of storage, store CCNB1 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles. |
| **CLONALITY:** | Polyclonal |
| **CONJUGATE:** | Unconjugated |

## Additional Info

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|---|---|
| **ALTERNATE NAMES:** | CCNB1, CCNB |
| **ACCESSION NO.:** | NP_114172 |
| **PROTEIN GI NO.:** | 14327896 |
| **OFFICIAL SYMBOL:** | CCNB1 |
| **GENE ID:** | 891 |

## Background

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| **BACKGROUND:** | CCNB1 is a regulatory protein involved in mitosis. CCNB1 complexes with p34 (cdc2) to form the maturation-promoting factor (MPF).The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34 (cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. |
| **REFERENCES:** | 1) Zhao, M., (2006) Exp Oncol 28 (1), 44-48. |

**FOR RESEARCH USE ONLY**

December 12, 2016