

**CINP Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP59133****Specification**

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**CINP Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF
Primary Accession	<a href="#">O9BW66</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24324

**CINP Polyclonal Antibody - Additional Information****Gene ID** 51550**Other Names**

Cyclin-dependent kinase 2-interacting protein, CDK2-interacting protein, CINP

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**CINP Polyclonal Antibody - Protein Information****Name** CINP {ECO:0000303|PubMed:19889979, ECO:0000312|HGNC:HGNC:23789}**Function**

Component of the DNA replication complex, which interacts with two kinases, CDK2 and CDC7, thereby providing a functional and physical link between CDK2 and CDC7 during firing of the origins of replication (PubMed:<<http://www.uniprot.org/citations/16082200>>16082200</a>, PubMed:<<http://www.uniprot.org/citations/19889979>>19889979</a>). Regulates ATR-mediated checkpoint signaling in response to DNA damage (PubMed:<<http://www.uniprot.org/citations/19889979>>19889979</a>). Also involved in the cytoplasmic maturation steps of pre-60S ribosomal particles by promoting the release of shuttling protein RSL24D1/RLP24 from the pre-ribosomal particles (PubMed:<<http://www.uniprot.org/citations/35354024>>35354024</a>). Promotes maturation of pre-60S ribosome together with AFG2A, AFG2B and AIRIM (PubMed:<<http://www.uniprot.org/citations/35354024>>35354024</a>).

**Cellular Location**

Nucleus. Note=Binds to nuclear under G1 conditions, and dissociates from chromatin with the start of DNA replication.

## **CINP Polyclonal 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](#)

## **CINP Polyclonal Antibody - Images**