

CINP Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59133

Specification

CINP Polyclonal Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IHC-P, IHC-F, IF

O9BW66

Rat, Pig, Dog, Bovine
Rabbit

Polyclonal
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

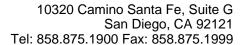
Name CINP {ECO:0000303|PubMed:19889979, ECO:0000312|HGNC:HGNC:23789}

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:16082200, PubMed:19889979). Regulates ATR-mediated checkpoint signaling in response to DNA damage (PubMed:19889979). 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:35354024). Promotes maturation of pre-60S ribosome together with AFG2A, AFG2B and AIRIM (PubMed:35354024).

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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CINP Polyclonal Antibody - Images