PRODUCT INFORMATION

Catalog number ATGA0448

Clone No. AT1G10

Product type Monoclonal Antibody

UnitProt No. Q9BW66

NCBI Accession No. NP_116019

Alternative Names Cyclin-dependent kinase 2-interacting protein, CDK2-interacting protein

PRODUCT SPECIFICATION

Antibody Host Mouse

Reacts With Human

Concentration 1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human CINP (1-212aa) purified from E. coli

lsotype

lgG1 kappa

Purification Note By protein-A affinity chromatography

Application

ELISA,WB

Usage

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Storage



NKMAXBiO We support you, we believe in your research **Human CINP antibody** Catalog Number: ATGA0448

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

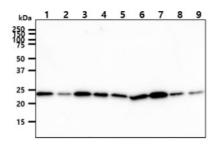
CINP, also known as Cyclin-dependent kinase 2-interacting protein, belongs to the CINP family. This protein interacts with the components of the replication complex and 2 kinases, CDK2 and CDC7, thereby providing a functional and physical link between CDK2 and CDC7 during firing of the origins of replication.

General References

Grishina I., et al. (2005) Cell Cycle. 4: 1120-1126. Lovejoy C.A., et al. (2009) Proc. Natl. Acad. Sci. U.S.A. 106: 19304-19309.

DATA

Western blot analysis (WB)



The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CINP antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Jurkat cell lysate Lane 2.: K562 cell lysate Lane 3.: 293T cell lysate Lane 4.: HepG2 cell lysate Lane 5.: A549 cell lysate Lane 6.: MCF7 cell lysate Lane 7.: LnCap cell lysate Lane 8.: HeLa cell lysate Lane 9.: SK-OV-3 cell lysate