

Product datasheet

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ARG57084 anti-CINP antibody [1G10]

Package: 50 μl Store at: -20°C

Summary

Product Description Mouse Monoclonal antibody [1G10] recognizes CINP

Tested Reactivity Hu
Tested Application WB

Host Mouse

Clonality Monoclonal

Clone 1G10

Isotype IgG1, kappa

Target Name CINP
Species Human

Immunogen Recombinant fragment around aa. 1-212 of Human CINP.

Conjugation Un-conjugated

Alternate Names CDK2-interacting protein; Cyclin-dependent kinase 2-interacting protein

Application Instructions

Application table	Application	Dilution
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Purification with Protein A.

Buffer PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 10% Glycerol

Concentration 1 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 51550 Human

Swiss-port # Q9BW66 Human

Gene Symbol CINP

Gene Full Name cyclin-dependent kinase 2 interacting protein

Background The protein encoded by this gene is reported to be a component of the DNA replication complex as well

as a genome-maintenance protein. It may interact with proteins important for replication initiation and has been shown to bind chromatin at the G1 phase of the cell cycle and dissociate from chromatin with replication initiation. It may also serve to regulate checkpoint signaling as part of the DNA damage

response. [provided by RefSeq, Jul 2013]

Function Interacts with the components of the replication complex and 2 kinases, CDK2 and CDC7, thereby

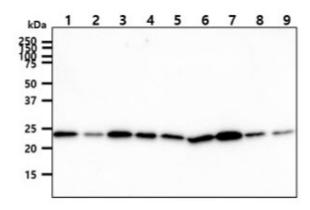
providing a functional and physical link between CDK2 and CDC7 during firing of the origins of

replication. Regulates ATR-mediated checkpoint signaling. [UniProt]

Calculated Mw 24 kDa

PTM Phosphorylated by CDC7 but not by CDK2.

Images



ARG57084 anti-CINP antibody [1G10] WB image

Western blot: $40 \mu g$ of 1) Jurkat cell lysate, 2) K562 cell lysate, 3) 293T cell lysate, 4) HepG2 cell lysate, 5) A549 cell lysate, 6) MCF7 cell lysate, 7) LnCap cell lysate, 8) HeLa cell lysate, 9) SK-OV-3 cell lysate stained with ARG57084 anti-CINP antibody [1G10] at 1:1000.