

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.

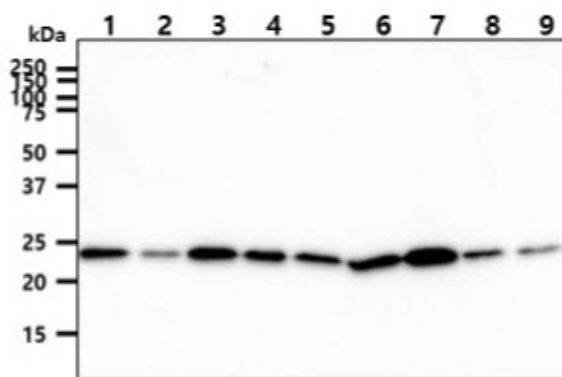
Properties

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.

Bioinformatics

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 µg 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.