

CCNA1 polyclonal antibody (A01)

Catalog # H00008900-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant CCNA1.
Immunogen	CCNA1 (AAH36346, 1 a.a. ~ 464 a.a) full-length recombinant protein with GST tag.
Sequence	METGFPAIMYPGSFIGGWGEEYLSWEGPGLPDFVFQQPVESEAMHCSNPKSGVVLATVARGPD ACQILTRAPLGQDPPQRTVLGLLTANGQYRRTCGQGIRRCYSGSENAFPAGKKALPDCGVQE PPKQGFDIYMDELEQGDRDSCSVREGMAFEDVYEVDTGTLKSDLHFLDFNTVSPMLVDSSLLS QSEDISSLGTDVINVTEYAEIYQYLREAEIRHRPKAHYMKKQPDITEGMRTILVDWLVEVGEEYKLR AETLYLAVNFLDRFLSCMSVLRGKLQLVGTAAMLLASKYEEYPPEVDEFVYTDDTYTKRQLLKME HLLLKVLAFDLTVPTTNQFLLQYLRRQGV CVRTENLAKYVAELSLLEADPFLKYLP SLIAAAAFCLA NYTVNKHFWPETLAAFTGYSLSEIVPCLSELHKAYLDIPHRPQQAIREKYKASKYLCVSLMEPPAVL LLQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — CCNA1

Entrez GeneID

[8900](#)

GeneBank Accession#	BC036346
Protein Accession#	AAH36346
Gene Name	CCNA1
Gene Alias	-
Gene Description	cyclin A1
Omim ID	604036
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. The cyclin encoded by this gene was shown to be expressed in testis and brain, as well as in several leukemic cell lines, and is thought to primarily function in the control of the germline meiotic cell cycle. This cyclin binds both CDK2 and CDC2 kinases, which give two distinct kinase activities, one appearing in S phase, the other in G2, and thus regulate separate functions in cell cycle. This cyclin was found to bind to important cell cycle regulators, such as Rb family proteins, transcription factor E2F-1, and the p21 family proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	-

Pathway

- [Acute myeloid leukemia](#)
- [Cell cycle](#)
- [Pathways in cancer](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Ovarian Neoplasms](#)