

DNAXPAb

Hard-to-Find
Antibody

CCNA1 DNAXPab

Catalog # H00008900-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CCNA1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	METGFPAIMYPGSFIGGWGEEYLSWEGPGLPDFVFQQPVESEAMHCSNPKSGVVLATVARGPD ACQILTRAPLGQDPPQRTVLGLLTANGQYRRTCGQGITRIRCYSGSENAFPAGKKALPDCGVQE PPKQGFDIYMDELEQGDRDSCSVREGMAFEDVYEVDGTGLKSDLHFLDFNTVSPMLVDSSLLS QSEDISSLGTDVINTEYAEIYQYLREAEIRHRPKAHYMKKQPDITEGMRTILVDWLVEVGEEYKLR AETLYLAVNFLDRFLSCMSVLRGKLQLVGTAAMLLASKYEEIYPPEVDEFVYITDDTYTKRQLLKME HLLKVLAFDLTVPTTNQFLQYLRQGVCRTENLAKYVAELSLLEADPFLKYLP SLIAAAAFCLA NYTVNKHFWPETLAFTGYSLSEVPCLSELHKAYLDIPHRPQQAIREKYKASKYLCVSLMEPPAVL LLQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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

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]

Other Designations -

Pathway

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

Disease

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