

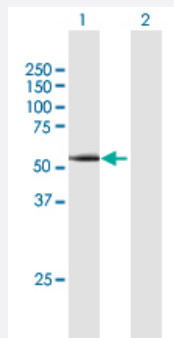
MaxPab®

CCNA1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008900-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CCNA1 expression in transfected 293T cell line ([H00008900-T01](#)) by CCNA1 MaxPab polyclonal antibody.

Lane 1: CCNA1 transfected lysate(51.04 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CCNA1 protein.

Immunogen

CCNA1 (ABM85414.1, 1 a.a. ~ 464 a.a) full-length human protein.

Sequence

METGFPAIMYPGSFIGGWGEEYLSWEGPGLPDFVFQQPVESEAMHCSNPKSGVVLATVARGPD
ACQILTRAPLGQDPPQRTVLGLLTANGQYRRTCQGQITRIRCYSGSENAFPPAGKKALPDCGVQE
PPKQGFDIYMDELEQGDRDSCSVREGMAFEDVVEVDGTGLKSDLHFLDFNTVSPMLVDSSLLS
QSEDISSLGTDVINVTEYAEIYQYLREAEIRHRPKAHYMKKQPDITEGMRTILVDWLVEVGEEYKLR
AETLYLAVNFLDRFLSCMSVLRGKLQLVGTAAMLLASKYEEIYPPEVDEFVYITDDTYTKRQLLKME
HLLKVLAFDLTVPTTNQFLLQYLRRQGVCRTENLAKYVAELSLEADPFLKYLPSLIAAAAFCLA
NYTVNKHFWPETLAAFTGYSLSEMPCLSELHKAYLDIPHRPQQAIREKYKASKYLCVSLMEPPAVL
LLQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (84); Rat (84)

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)

Western Blot analysis of CCNA1 expression in transfected 293T cell line ([H00008900-T01](#)) by CCNA1 MaxPab polyclonal antibody.

Lane 1: CCNA1 transfected lysate(51.04 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CCNA1

Entrez GeneID

[8900](#)

GeneBank Accession#

[DQ894488.2](#)

Protein Accession#

[ABM85414.1](#)

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](#)