

Nur für Forschungszwecke

Cyclin A1 Polyklonaler Antikörper

Katalog-Nr.: 13295-1-AP

18 Publikationen



Allgemeine Informationen

Katalog-Nr.:

13295-1-AP

Größe:

150ul, Konzentration: 187 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG4005

GenBank-Zugangsnummer:

BC036346

GeneID (NCBI):

8900

Vollständiger Name:

cyclin A1

Berechnete Masse:

464 aa, 52 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Anwendungen

Geprüfte Anwendungen:

ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hintergrundinformationen

CCNA1 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. CCNA1 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. CCNA1 was found to bind to important cell cycle regulators, such as Rb family proteins, transcription factor E2F-1, and the p21 family proteins. In general, the expression of CCNA1 is tissue-specific and high CCNA1 expression is limited to testis; besides, lower levels of CCNA1 expression are also observed in other human cell lines and in healthy brain. Currently, CCNA1 expression has been illustrated to be downregulated in various tumors, including head and neck squamous-cell cancer (HNSCC) and nasopharyngeal carcinoma; and the promoter of the CCNA1 gene is found to be frequently methylated in colon cancer and HNSCC.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-----------|-----------|---------------|-----------|
| Jing Wang | 26409448 | Tumour Biol | WB |
| Yuan Zhao | 27731405 | Sci Rep | WB |
| Yun Liu | 30535498 | Int J Mol Med | WB |

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:

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