

Product datasheet for TA347365

Cyclin A1 (CCNA1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB: 1:500-1:3000 Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: lgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-Cyclin A1 Antibody: A synthesized peptide derived from human

Cyclin A1

Formulation: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50%

glycerol. Store at -20?. Stable for 12 months from date of receipt

Concentration: lot specific

Purification: Affinity-chromatography

Unconjugated Conjugation:

Store at -20°C as received. Storage:

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 52 kDa Gene Name: cyclin A1 Database Link: NP 003905

Entrez Gene 12427 MouseEntrez Gene 295052 RatEntrez Gene 8900 Human

P78396

Background: CCNA1 May be involved in the control of the cell cycle at the G1/S (start) and G2/M (mitosis)

> transitions. May primarily function in the control of the germline meiotic cell cycle and additionally in the control of mitotic cell cycle in some somatic cells. Belongs to the cyclin family. Cyclin AB subfamily. Interacts with the CDK2 and the CDC2 protein kinases to form a serine/threonine kinase holoenzyme complex. The cyclin subunit imparts substrate specificity

to the complex. Does not bind CDK4 and CDK5 (in vitro). The cyclin A1-CDK2 complex

interacts with transcription factor E2F-1 and RB proteins.



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Synonyms: CT146

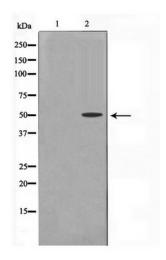
Note: Cyclin A1 antibody detects endogenous levels of total Cyclin A1

Protein Families: Druggable Genome

Protein Pathways: Acute myeloid leukemia, Cell cycle, Pathways in cancer, Progesterone-mediated oocyte

maturation

Product images:



Western blot analysis on SK-OV3 cell lysate using Cyclin A1 Antibody