

Cyclin A1 Antibody

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| Cat. No.: | HY-P80631 |
| Synonyms: | Cyclin A1 Antibody is a non-conjugated and Rabbit originated polyclonal antibody about 52 kDa, targeting to Cyclin A1. It can be used for WB,IHC-F,IHC-P,ICC/IF,ELISA assays with tag free, in the background of Human, Mouse, Rat, Monkey. |
| Host: | Rabbit |
| Reactivity: | Human,Mouse,Rat,Monkey |
| Conjugation: | Non-conjugated |
| SwissProt ID: | P78396 |
| Research Field: | Cell Biology |
| Molecular Weight: | Predicted band size: 52 kDa |

PROPERTIES

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| Formulation | Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide. | |
| Purity | affinity purified | |
| Storage & Stability | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. | |
| Appearance | Liquid | |
| Application & Dilution Ratio | Application | Dilution Ratio |
| | WB | 1:500-1:1,000 |
| | IHC | 1:50-1:100 |
| | IF | 1:50-1:200 |
| | ELISA | 1:10,000 |
| Shipping | Shipping with blue ice. | |

DESCRIPTION

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| Background | <p>Cyclin A1: 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, Jul 2008]</p> |
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Caution: Product has not been fully validated for medical applications. For research use only.

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