Cyclin A1/A2 Rabbit pAb

db21723 **Package : 20μL 50μL 100μL**

Product Name : Cyclin A1/A2 Rabbit pAb
Cat.No.: db21723
Synonyms : CT146; CCN1; CCNA
Application : WB, IHC, IP
Reactivity : Human
Host species : Rabbit

Background	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]
Immunogen	Recombinant protein of human Cyclin A1/A2
Gene ID	890, 8900
Swiss Prot	P20248, P78396
Synonyms	CT146; CCN1; CCNA
Reactivity	Human
Application	WB, IHC, IP
Recommended dilution	WB: 1:1000 IHC: 1:200 IP: 1:50
Calculated MW	49, 52 kDa
Observed MW	49, 52 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.