

Cyclin Antibody Sampler Kit

Cat# AK0141

Upon receipt, store at -20°C. Avoid freeze/thaw cycles.

PRODUCT DESCRIPTION

Control of the cell cycle is regulated by a multitude of cellular events and processes. The cyclin dependent kinases (CDK) regulate many of these pathways and constitute an active complex when associated with their cyclin partners. This activity is controlled primarily by phosphorylation, which determines subcellular localization of the CDK/cyclin complex. Some phosphorylation events control the function of cytoplasmic retention sequences while other events regulate nuclear localization and export sequence function. Cyclin and cyclin-dependent kinase inhibitor (CKI) levels are regulated by ubiquitination and degradation via the ubiquitin proteasome pathway. A variety of CKI proteins associate with these complexes and modulate access to regulatory domains on cyclins. Additional complexity is generated as the controlled protein levels of each cyclin oscillate with the stages of cell cycle. Increased expression of Cyclin D1 is associated with certain types of cancer and may associate with TSC2 (tuberin) independent of its Cdk partner.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340493	Cyclin A Polyclonal Antibody	20µL	WB, IHC, IF, ELISA	Human, Mouse, Rat, Monkey	Rabbit
A340117	Cyclin B1 Polyclonal Antibody	20µL	WB, ELISA	Human	Rabbit
A340494	Cyclin E1 Polyclonal Antibody	20µL	WB, IHC, IF, ELISA	Human, Mouse, Rat	Rabbit
A340495	Cyclin H Polyclonal Antibody	20µL	WB, IHC, IF, ELISA	Human, Mouse, Rat	Rabbit
A1013s	Goat Anti-Rabbit IgG (H+L) (peroxidase/HRP conjugated)	120µL	WB, ELISA	Rabbit	Goat

PRODUCT USE LIMITATION

These products are intended for research use only.