

Cyclin Dependent Kinase Inhibitor Antibody Sampler Kit

Cat# AK0142

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

PRODUCT DESCRIPTION

The cyclin-dependent kinase complex can exist as an active, binary complex containing cyclin and kinase or as an inactive, ternary complex when the pair associates with a CKI inhibitor. Some of these component proteins act selectively within their cyclin/CDK complex while other proteins exhibit a broader range of functions, including roles apart from the CDK complex. The INK4 family is characterized by 32 amino acid ankyrin repeats that mediate specific interactions with CDK4/6 and cyclinD/CDK4/6. The Kip family includes p27, perhaps one of the most versatile proteins by virtue of its inherently context-adaptive structure. p27 has been implicated in regulatory roles of cell cycle progression, malignant transformation, cell motility, and differentiation. Similarly, p21 interacts with several CDK complexes during different cell cycle stages to exert different effects; p21 is regulated by phosphorylation and ubiquitin-mediated degradation.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340612	p18 Polyclonal Antibody	20µL	WB, IHC, ELISA	Human, Mouse, Monkey	Rabbit
A340745	p21 Polyclonal Antibody	20µL	WB, ELISA	Human	Rabbit
A340721	p57 Polyclonal Antibody	20µL	WB, 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.