

p27 Kip1 (P191) polyclonal antibody

Catalog: BCP01234

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Cell cycle progression is regulated by a series of cyclin-dependent kinases that consist of catalytic subunits, designated Cdks, and activating subunits, designated cyclins. Orderly progression through the cell cycle requires the activation and inactivation of different cyclin-Cdks at appropriate times. A series of proteins has been recently described that function as “mitotic inhibitors.” These include p21, the levels of which are elevated upon DNA damage in G1 in a p53-dependent manner, p16 and a more recently described p16 related inhibitor designated p15. A p21 related protein, p27, has been described as a negative regulator of G1 progression and has been speculated to function as a possible mediator of TGFβ-induced G1 arrest. p27 interacts strongly with D-type cyclins and Cdk4 in vitro and to a lesser extent with cyclin E and Cdk2.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 27 kDa

Swiss-Prot:

P46527

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

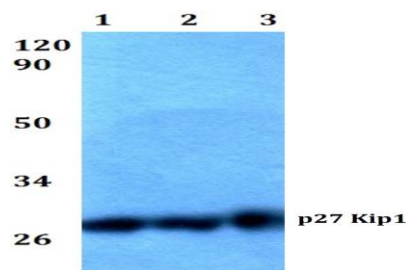
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p27 Kip1 (P191) polyclonal antibody detects endogenous levels of p27 Kip1 protein.

DATA:



Western blot (WB) analysis of p27 Kip1 (P191) pAb at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:Hela whole cell lysate(40ug)

Lane3:The Lung tissue lysate of Rat(40ug)

Lane4:AML-12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.