Product datasheet

Anti-p57Kip2/CDKN1C Antibody

Catalog Number: *A01244-1*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-p57Kip2/CDKN1C Antibody
Gene Name	CDKN1C
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human p57 Kip2/CDKN1C, identical to the related mouse and rat sequences.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	30 kDa/57 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Cyclin-dependent kinase inhibitor 1C (p57, Kip2), also known as CDKN1C, is a protein which in humans is encoded by the CDKN1C imprinted gene. It is mapped to 11p15.4. This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndorome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene.

Selected Validation Data

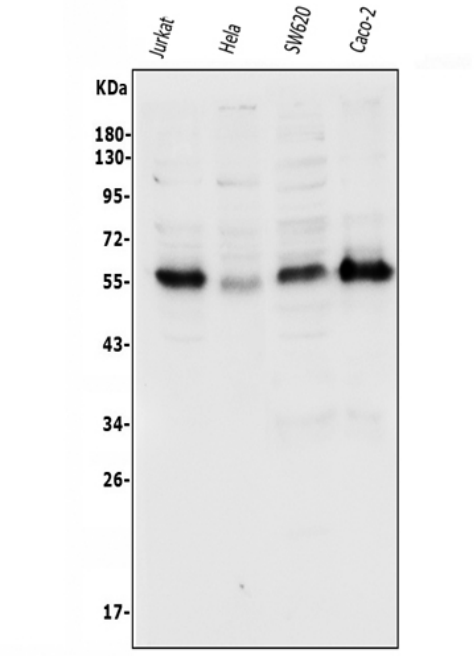
FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE

Product datasheet

Anti-p57Kip2/CDKN1C Antibody

Catalog Number: *A01244-1*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com



Western blot analysis of p57Kip2/CDKN1C using anti-p57Kip2/CDKN1C antibody (A01244-1). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human jurkat whole cell lysates,
Lane 2: human Hela whole cell lysates,
Lane 3: human SW620 whole cell lysates,
Lane 4: human CACO-2 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-p57Kip2/CDKN1C antigen affinity purified polyclonal antibody (A01244-1) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for p57Kip2/CDKN1C at approximately 30 kDa/57 kDa. The expected band size for p57Kip2/CDKN1C is at 32 kDa.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE