

Datasheet for ABIN3030649
anti-CDKN2C antibody (AA 113-139)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	CDKN2C
Binding Specificity:	AA 113-139
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 113-139 from the human protein was used as the immunogen for this CDKN2C antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	CDKN2C
Alternative Name:	CDKN2C (CDKN2C Products)
Background:	The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to interact with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle

Target Details

G1 progression. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported.

UniProt: [P42773](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: Titration of the CDKN2C antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

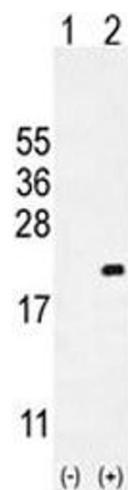
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the CDKN2C antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



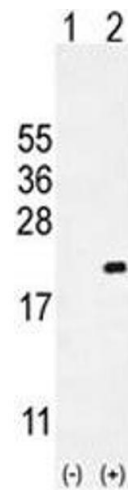
Western Blotting

Image 1. Western blot analysis of CDKN2C antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the CDKN2C gene.



Immunohistochemistry

Image 2. CDKN2C antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle.



Western Blotting

Image 3. Western blot analysis of CDKN2C antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the CDKN2C gene.