

## CDKN2C Antibody

Catalog No: #36336

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## Description

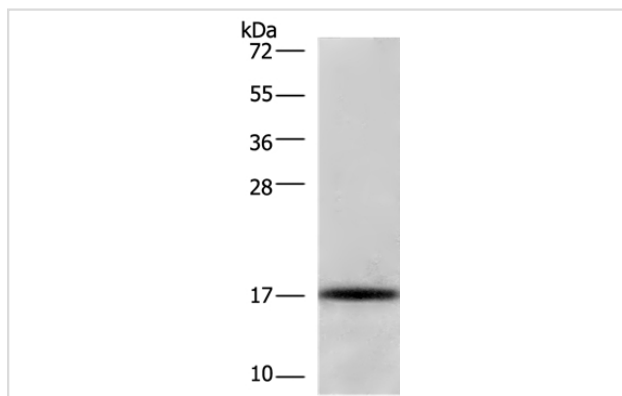
Product Name	CDKN2C Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CDKN2C protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	CDKN2C
Other Names	p18; INK4C; p18-INK4C
Accession No.	Swiss-Prot#: P42773NCBI Gene ID: 1031Gene Accssion: BC000598
Uniprot	P42773
GeneID	1031;
SDS-PAGE MW	18kd
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

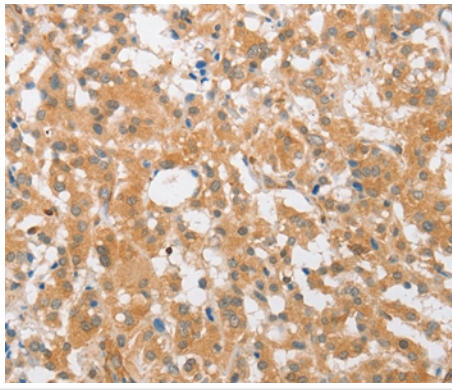
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 6%SDS-PAGE  
Lysate: 40ug Raji cell  
Primary antibody: 1/325 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36336 at dilution 1/25.

## 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 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

Note: This product is for in vitro research use only