

Datasheet for ABIN7073645

anti-CDKN2C antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CDKN2C
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse CDKN2C
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	CDKN2C
Alternative Name:	p18 INK4c (CDKN2C Products)
Background:	Cyclin-dependent kinase 4 inhibitor C is an enzyme encoded by the CDKN2C gene. The protein 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

Target Details

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.

Molecular Weight: 18 kDa

Gene ID: 12580

NCBI Accession: [NP_001288297](#)

UniProt: [Q60772](#)

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

Application Details

Application Notes: WB (M,R) 1: 500-1: 1000

Restrictions: For Research Use only

Handling

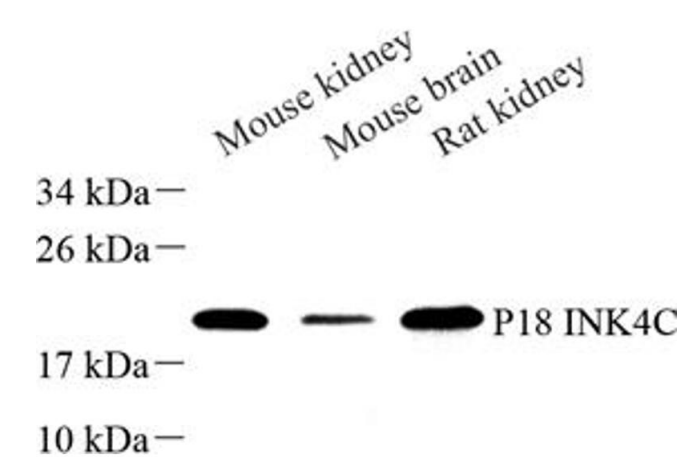
Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % 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



Western Blotting

Image 1. Western blot analysis of P18 INK4C (ABIN7073645) at dilution of 1: 500