



Datasheet for ABIN7249964 anti-CDKN2D antibody



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1 Image

Overview

Quantity:	200 µL
Target:	CDKN2D
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2D antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse p19 INK4d
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CDKN2D
Alternative Name:	p19 INK4d (CDKN2D 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 form a stable complex 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. The abundance of the transcript of this gene was found to oscillate in

Target Details

a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported.

Molecular Weight: Observed_MW: 19 kDa
Calculated_MW: 19 kDa

UniProt: [P55273](#), [Q60773](#)

Pathways: [Cell Division Cycle](#), [Sensory Perception of Sound](#), [Mitotic G1-G1/S Phases](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.6 mg/mL

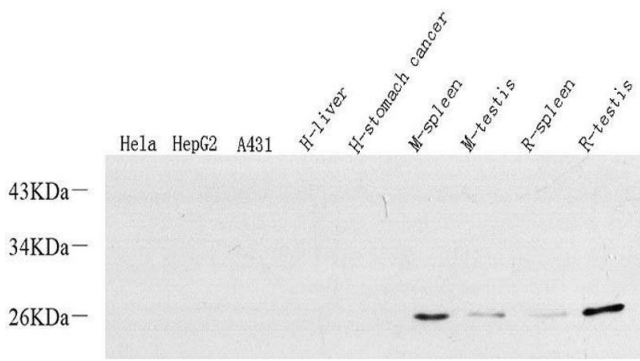
Buffer: PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4

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: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western Blot analysis of various samples using p19 INK4d Polyclonal Antibody at dilution of 1:500.