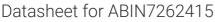
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anti-CDKN2D antibody





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Quantity:	200 μL
Target:	CDKN2D
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2D antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human CDKN2D (NP_001791.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CDKN2D
Alternative Name:	CDKN2D (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.

Gene ID: 1032

UniProt: P55273

Pathways: Cell Division Cycle, Sensory Perception of Sound, Mitotic G1-G1/S Phases, Negative Regulation

of intrinsic apoptotic Signaling

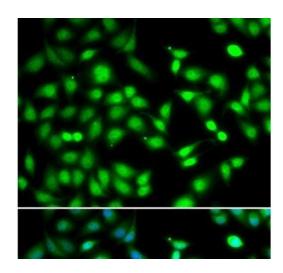
Application Details

Application Notes: IF 1:50-1:100

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using CDKN2D Polyclonal Antibody