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## Datasheet for ABIN760706 **anti-CDKN2D antibody (AA 65-166)**

### Overview

Quantity:	100 µL
Target:	CDKN2D
Binding Specificity:	AA 65-166
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDKN2D/p19 INK4d
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	CDKN2D
Alternative Name:	Cdkn2d ( <a href="#">CDKN2D Products</a> )

## Target Details

Background:	<p>Synonyms: CDK inhibitor p19INK4d, CDKN2D, cell cycle inhibitor, Nur77 associating protein, Cyclin dependent kinase inhibitor 2D, Cyclin-dependent kinase 4 inhibitor D, Cyclin-dependent kinase inhibitor 2D p19, inhibits CDK4, inhibitor of cyclin-dependent kinase 4d, INK4D, p19, p19-INK4D, p19INK4d, Similar to cyclin-dependent kinase inhibitor 2D, CDN2D_HUMAN.</p> <p>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 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. [provided by RefSeq, Jul 2008].</p>
Gene ID:	1032
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

# Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months