Datasheet for ABIN889859

anti-CDKN2D antibody (AA 65-166) (AbBy Fluor® 555)

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Overview

Quantity:	100 µL
Target:	CDKN2D
Binding Specificity:	AA 65-166
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2D antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 (CDKN2D Products)
Background:	Synonyms: CDK inhibitor p19INK4d, CDKN2D, cell cycle inhibitor, Nur77 associating protein,

Target Details

	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. 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].
Gene ID:	1032
Pathways:	Cell Division Cycle, Sensory Perception of Sound, Mitotic G1-G1/S Phases, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	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:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date:	12 months