

p19 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06748
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CDKN2D. AA range:96-145
Mol wt	17700
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	p19 Antibody
Synonyms	CDKN2D; Cyclin-dependent kinase 4 inhibitor D; p19-INK4d

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The cyclin dependent kinase inhibitor 2D encoded by CDKN2D 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.

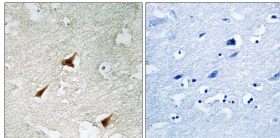
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using p19 INK4d Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year