Product Name: p19 Rabbit Polyclonal Antibody
Catalog #: APRab15583
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	

Antigen Information

Gene Name	CDKN2D
Alternative Names	CDKN2D; Cyclin-dependent kinase 4 inhibitor D; p19-INK4d
Gene ID	1032.0
SwissProt ID	P55273
Immunogen	The antiserum was produced against synthesized peptide derived from human CDKN2D. AA range:96-145

Background

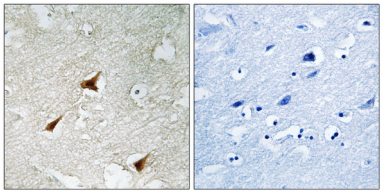
The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been

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],function:Interacts strongly with CDK4 and CDK6 and inhibits them.,similarity:Belongs to the CDKN2 cyclin-dependent kinase inhibitor family.,similarity:Contains 4 ANK repeats.,

Research Area

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;

Image Data



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