

p19 rabbit pAb

Cat No.: ES4463

For research use only

Overview

Product Name p19 rabbit pAb

Host species Rabbit

Applications IHC;IF;WB;ELISA Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. The antiserum was produced against synthesized

Immunogen The antiserum was produced against synthesized

peptide derived from human CDKN2D. AA range:96-145

Specificity p19 Polyclonal Antibody detects endogenous levels

of p19 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Cyclin-dependent kinase 4 inhibitor D

Gene Name CDKN2D

Cellular localization Nucleus . Cytoplasm .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 1032 Human Swiss-Prot Number P55273

Alternative Names CDKN2D; Cyclin-dependent kinase 4 inhibitor D;

p19-INK4d

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

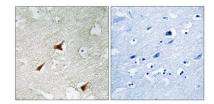


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growth regulator that controls cell cycle G1 progression. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative 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],

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



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