

产品名称: p18 Rabbit Polyclonal Antibody
产品货号: APRab15582



产品概述 (Summary)

产品名称 (Production Name)	p18 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CDKN2C
别名 (Alternative Names)	CDKN2C; CDKN6; Cyclin-dependent kinase 4 inhibitor C; Cyclin-dependent kinase 6 inhibitor; p18-INK4c; p18-INK6
基因 ID (Gene ID)	1031.0
蛋白 ID (SwissProt ID)	P42773.The antiserum was produced against synthesized peptide derived from human p18 INK. AA range:111-160

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	18kDa

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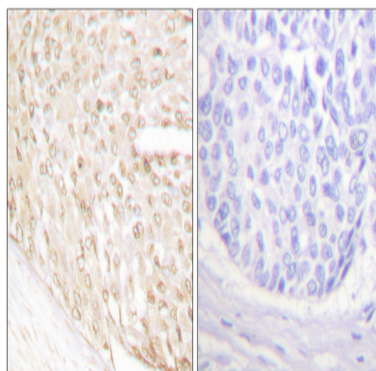
研究背景 (Background)

The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to interact 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. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported. [provided by RefSeq, Jul 2008],disease:Defects in CDKN2C are involved in tumor formation.,function:Interacts strongly with CDK6, weakly with CDK4. Inhibits cell growth and proliferation with a correlated dependence on endogenous retinoblastoma protein RB.,similarity:Belongs to the CDKN2 cyclin-dependent kinase inhibitor family.,similarity:Contains 4 ANK repeats.,subunit:Heterodimer of p18 with CDK6.,tissue specificity:Highest levels found in skeletal muscle. Also found in pancreas and heart.,

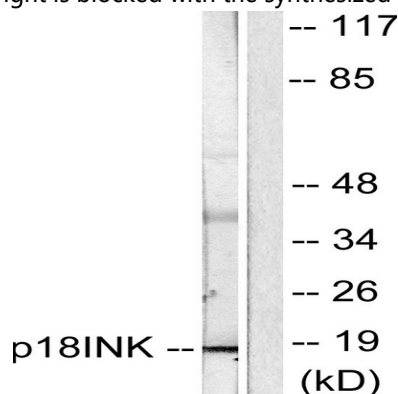
研究领域 (Research Area)

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using p18 INK Antibody. The picture on the right is blocked with the synthesized peptide.



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Western blot analysis of lysates from COS7 cells, using p18 INK Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using p18 Polyclonal Antibody

注意事项 (Note)

For research use only .