

产品名称: p15 Rabbit Polyclonal Antibody
产品货号: APRab15574



产品概述 (Summary)

产品名称 (Production Name)	p15 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,Rat

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)	CDKN2B
别名 (Alternative Names)	CDKN2B; MTS2; Cyclin-dependent kinase 4 inhibitor B; Multiple tumor suppressor 2; MTS-2; p14-INK4b; p15-INK4b; p15INK4B
基因 ID (Gene ID)	1030.0
蛋白 ID (SwissProt ID)	P42772.The antiserum was produced against synthesized peptide derived from human p15 INK. AA range:89-138

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	14kDa

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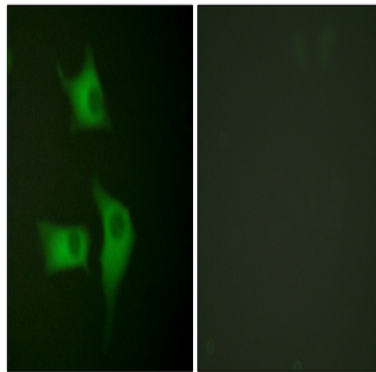
研究背景 (Background)

This gene lies adjacent to the tumor suppressor gene CDKN2A in a region that is frequently mutated and deleted in a wide variety of tumors. This gene encodes a cyclin-dependent kinase inhibitor, which forms a complex with CDK4 or CDK6, and prevents the activation of the CDK kinases, thus the encoded protein functions as a cell growth regulator that controls cell cycle G1 progression. The expression of this gene was found to be dramatically induced by TGF beta, which suggested its role in the TGF beta induced growth inhibition. Two alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported. [provided by RefSeq, Jul 2008], disease: Defects in CDKN2B are involved in tumor formation., function: Interacts strongly with CDK4 and CDK6. Potent inhibitor. Potential effector of TGF-beta induced cell cycle arrest., polymorphism: Genetic variations in CDKN2B may underlie susceptibility to uveal melanoma [MIM:155720]. Uveal melanoma is the most common type of ocular malignant tumor, consisting of overgrowth of uveal melanocytes and often preceded by a uveal nevus., similarity: Belongs to the CDKN2 cyclin-dependent kinase inhibitor family., similarity: Contains 4 ANK repeats., subunit: Heterodimer of CDKN2B with CDK4 or CDK6.,

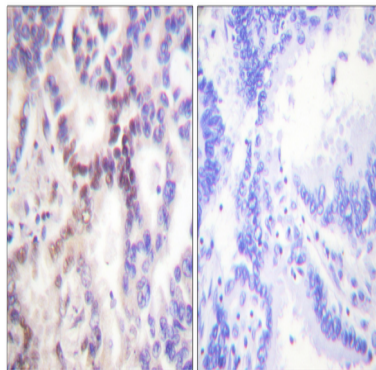
研究领域 (Research Area)

Cell_Cycle_G1S; Cell_Cycle_G2M_DNA; TGF-beta; Pathways in cancer; Small cell lung cancer;

图片 (Image Data)



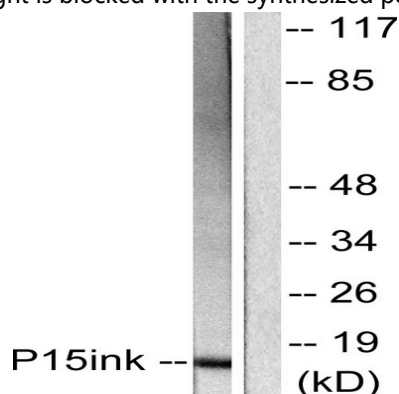
Immunofluorescence analysis of HeLa cells, using p15 INK Antibody. The picture on the right is blocked with the synthesized peptide.



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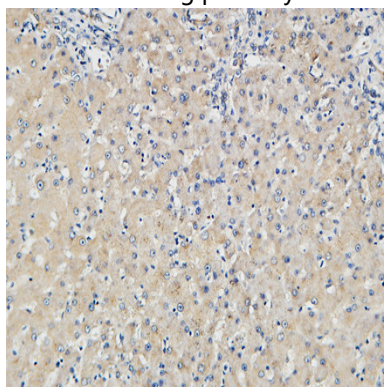
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using p15 INK Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using p15 INK Antibody. The lane on the right is blocked with the synthesized peptide.

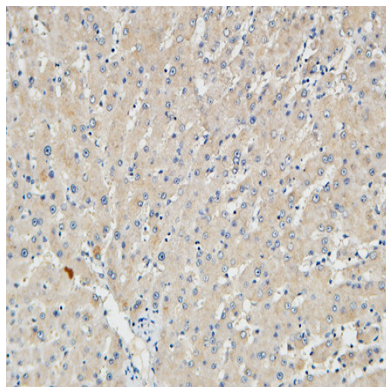


Western Blot analysis of various cells using p15 Polyclonal Antibody diluted at 1: 500

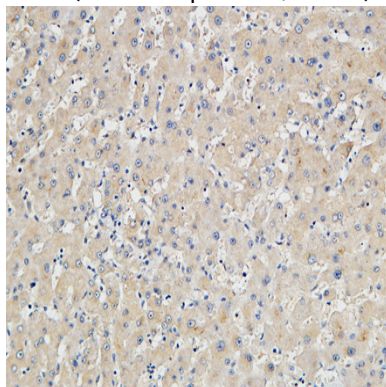


Immunohistochemical analysis of paraffin-embedded Human Right liver. 1, Antibody was diluted at 1:100 (4°,overnight) .
2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

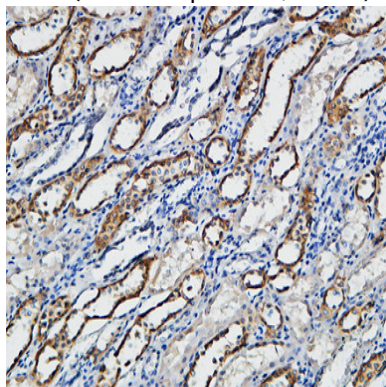
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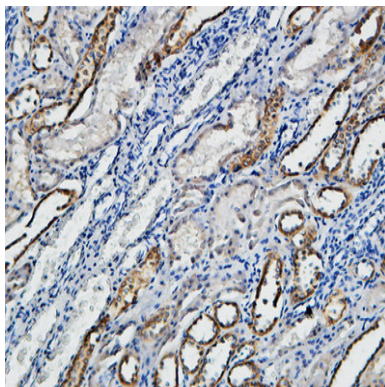


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注意事项 (Note)

For research use only .