

产品名称: p57 (phospho Thr310) Rabbit Polyclonal Antibody
产品货号: APRab05179



产品概述 (Summary)

产品名称 (Production Name)	p57 (phospho Thr310) 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

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	CDKN1C
别名 (Alternative Names)	CDKN1C; KIP2; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; p57Kip2
基因 ID (Gene ID)	1028.0
蛋白 ID (SwissProt ID)	P49918.The antiserum was produced against synthesized peptide derived from human p57 Kip2 around the phosphorylation site of Thr310. AA range:267-316

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	32kDa

产品名称: p57 (phospho Thr310) Rabbit Polyclonal Antibody
产品货号: AP Rab05179



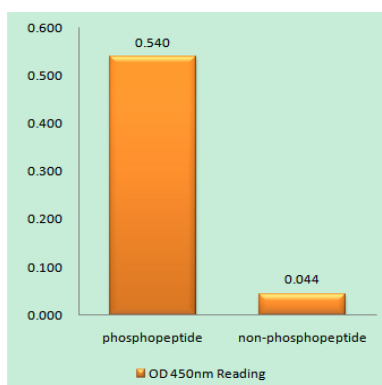
研究背景 (Background)

This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2010], disease: Defects in CDKN1C are a cause of Beckwith-Wiedemann syndrome (BWS) [MIM:130650]. BWS is a genetically heterogeneous disorder characterized by anterior abdominal wall defects including exomphalos (omphalocele), pre- and postnatal overgrowth, and macroglossia. Additional less frequent complications include specific developmental defects and a predisposition to embryonal tumors., disease: Defects in CDKN1C are involved in tumor formation., function: Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life., similarity: Belongs to the CDI family., tissue specificity: Expressed in the heart, brain, lung, skeletal muscle, kidney, pancreas and testis. High levels are seen in the placenta while low levels are seen in the liver.,

研究领域 (Research Area)

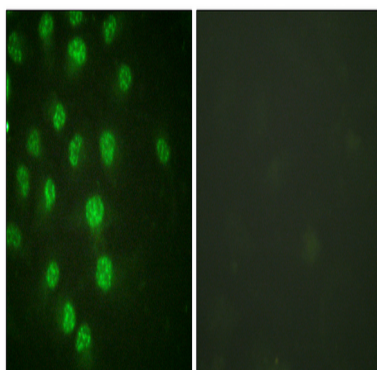
Cell_Cycle_G1S; Cell_Cycle_G2M_DNA;

图片 (Image Data)

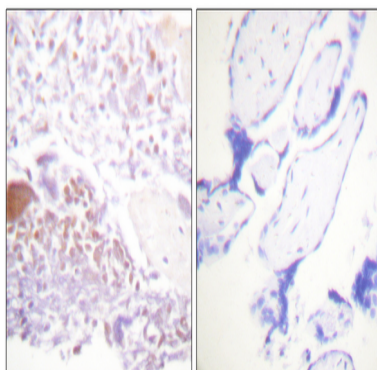


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using p57 Kip2 (Phospho-Thr310) Antibody

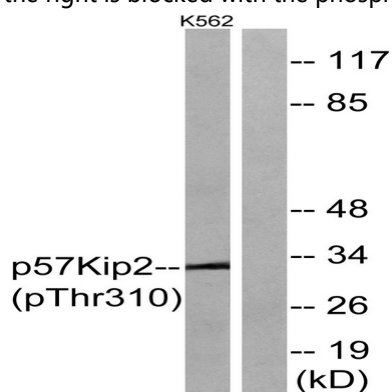
产品名称: p57 (phospho Thr310) Rabbit Polyclonal Antibody
产品货号: APRab05179



Immunofluorescence analysis of HUVEC cells treated with serum 20% 30', using p57 Kip2 (Phospho-Thr310) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human placenta, using p57 Kip2 (Phospho-Thr310) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from K562 cells treated with insulin 0.01U/ml 15', using p57 Kip2 (Phospho-Thr310) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .