

产品名称: Phospho-Rb (Ser780) Rabbit Polyclonal Antibody
产品货号: APRab00822



产品概述 (Summary)

产品名称 (Production Name)	Phospho-Rb (Ser780) 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)	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% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	RB1
别名 (Alternative Names)	RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110
基因 ID (Gene ID)	5925
蛋白 ID (SwissProt ID)	P06400.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	Calculated MW: 106 kDa; Observed MW: 106 kDa

研究背景 (Background)

Cell cycle-dependent phosphorylation by a CDK inhibits Rb target binding and allows cell cycle progression. Rb inactivation

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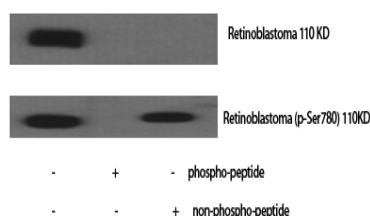


and subsequent cell cycle progression likely requires an initial phosphorylation by cyclin D-CDK4/6 followed by cyclin E-CDK2 phosphorylation. Specificity of different CDK/cyclin complexes has been observed in vitro and cyclin D1 is required for Ser780 phosphorylation in vivo.

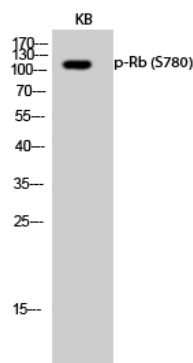
研究领域 (Research Area)

Cell Biology

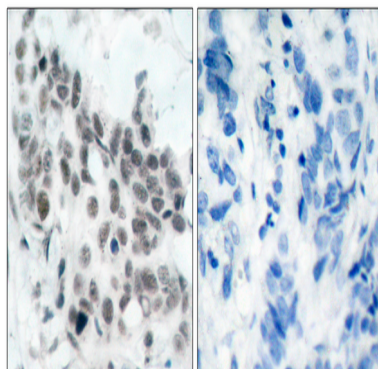
图片 (Image Data)



Western blot analysis of Phospho-Rb (Ser780) in various lysates using Phospho-Rb (S780) antibody.



Western blot analysis of Phospho-Rb (Ser780) in KB lysates using Phospho-Rb (S780) antibody.

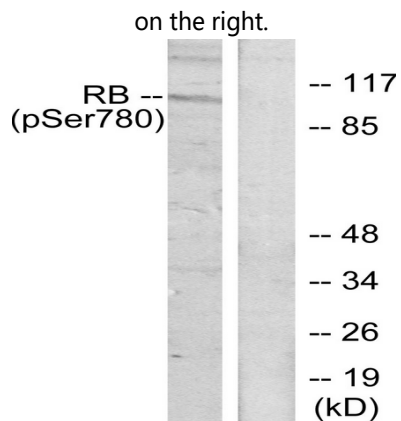


Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using Retinoblastoma (Phospho-Ser78)

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antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide



Western blot analysis of Phospho-Rb (Ser780) in K562 lysates treated with serum 10% using Phospho-Rb (Ser780) antibody. The lane on the right is blocked with the Phospho- peptide.

注意事项 (Note)

For research use only .