

产品名称: Thymidine Kinase Rabbit Polyclonal Antibody
产品货号: APRab18899



产品概述 (Summary)

产品名称 (Production Name)	Thymidine Kinase Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,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)	TK1
别名 (Alternative Names)	TK1; Thymidine kinase; cytosolic
基因 ID (Gene ID)	7083.0
蛋白 ID (SwissProt ID)	P04183.The antiserum was produced against synthesized peptide derived from human KITH. AA range:161-210

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	25kDa

研究背景 (Background)

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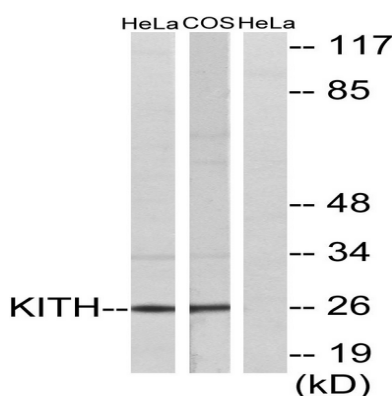


catalytic activity:ATP + thymidine = ADP + thymidine 5'-phosphate.,miscellaneous:Two forms have been identified in animal cells, one in cytosol and one in mitochondria. Activity of the cytosolic enzyme is high in proliferating cells and peaks during the S-phase of the cell cycle; it is very low in resting cells.,PTM:Phosphorylated on Ser-13 in mitosis.,similarity:Belongs to the thymidine kinase family.,catalytic activity:ATP + thymidine = ADP + thymidine 5'-phosphate.,miscellaneous:Two forms have been identified in animal cells, one in cytosol and one in mitochondria. Activity of the cytosolic enzyme is high in proliferating cells and peaks during the S-phase of the cell cycle; it is very low in resting cells.,PTM:Phosphorylated on Ser-13 in mitosis.,similarity:Belongs to the thymidine kinase family.,

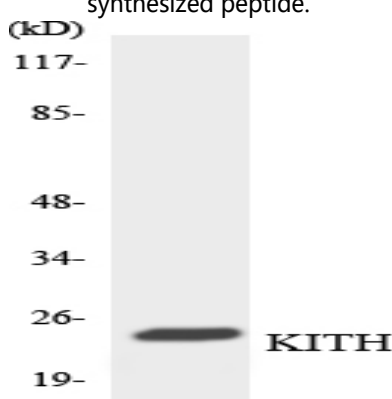
研究领域 (Research Area)

Pyrimidine metabolism;Drug metabolism;

图片 (Image Data)



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



Western blot analysis of the lysates from RAW264.7 cells using KITH antibody.

注意事项 (Note)

For research use only .