

产品名称: DAPK2 (phospho Ser318) Rabbit Polyclonal Antibody
产品货号: APRab04536



产品概述 (Summary)

产品名称 (Production Name)	DAPK2 (phospho Ser318) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DAPK2
别名 (Alternative Names)	DAPK2; Death-associated protein kinase 2; DAP kinase 2; DAP-kinase-related protein 1; DRP-1
基因 ID (Gene ID)	23604.0
蛋白 ID (SwissProt ID)	Q9UIK4. The antiserum was produced against synthesized peptide derived from human DAPK2 around the phosphorylation site of Ser318. AA range: 284-333

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:10000
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蛋白分子量 (Molecular Weight)

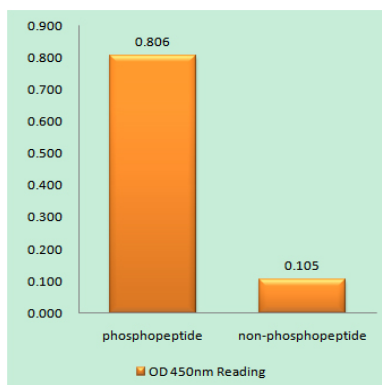
研究背景 (Background)

This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites. [provided by RefSeq, Jul 2008], catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., enzyme regulation: Negatively regulated by autophosphorylation on Ser-318., function: Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis., similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily., similarity: Contains 1 protein kinase domain., subunit: Homodimer. Homodimerization is required for apoptotic function and is inhibited by autophosphorylation at Ser-318., tissue specificity: Ubiquitously expressed in all tissue types examined. High levels in heart, lung and skeletal muscle.,

研究领域 (Research Area)

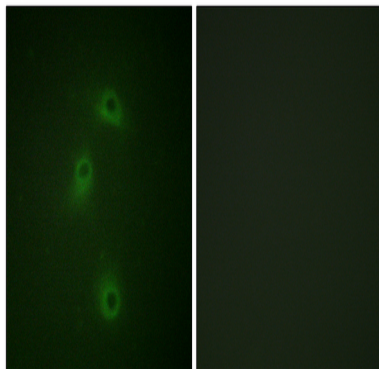
Pathways in cancer; Bladder cancer;

图片 (Image Data)

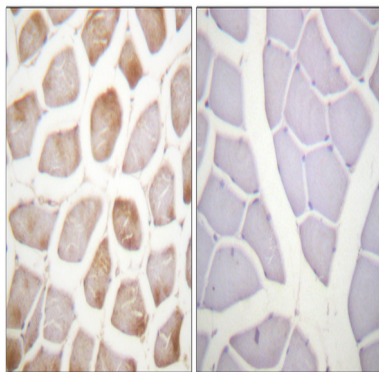


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using DAPK2 (Phospho-Ser318) Antibody

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Immunofluorescence analysis of COS7 cells, using DAPK2 (Phospho-Ser318) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle, using DAPK2 (Phospho-Ser318) Antibody. The picture on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .