

产品名称: Casein Kinase I α (phospho Tyr321) Rabbit Polyclonal Antibody
产品货号: APRab04364



产品概述 (Summary)

产品名称 (Production Name)	Casein Kinase I α (phospho Tyr321) 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% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CSNK1A1
别名 (Alternative Names)	CSNK1A1; Casein kinase I isoform alpha; CKI-alpha; CK1
基因 ID (Gene ID)	1452.0
蛋白 ID (SwissProt ID)	P48729.The antiserum was produced against synthesized peptide derived from human Casein Kinase I alpha around the phosphorylation site of Tyr321. AA range:287-336

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	35kDa

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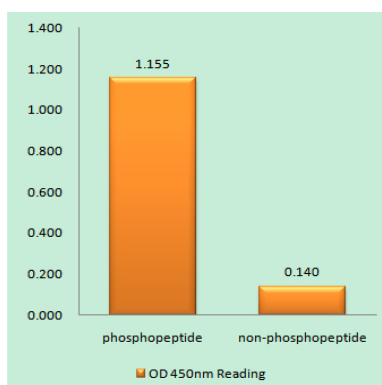
研究背景 (Background)

catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 on 'Ser-45',similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer. Interacts with the Axin complex.,catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 on 'Ser-45',similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer. Interacts with the Axin complex.,

研究领域 (Research Area)

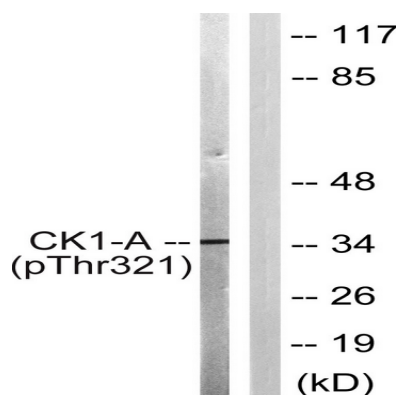
WNT;WNT-T CELLHedgehog;

图片 (Image Data)

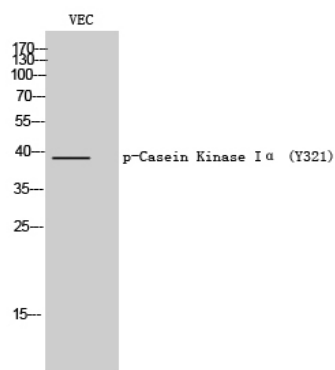


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using Casein Kinase I alpha (Phospho-Tyr321) Antibody

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Western blot analysis of lysates from HUVEC cells, using Casein Kinase I alpha (Phospho-Tyr321) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of VEC cells using Phospho-Casein Kinase I α (Y321) Polyclonal Antibody

注意事项 (Note)

For research use only .