

产品名称: TNNI3K Rabbit Polyclonal Antibody
产品货号: APRab19105



产品概述 (Summary)

产品名称 (Production Name)	TNNI3K 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)	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)	TNNI3K
别名 (Alternative Names)	TNNI3K; CARK; Serine/threonine-protein kinase TNNI3K; Cardiac ankyrin repeat kinase; Cardiac troponin I-interacting kinase; TNNI3-interacting kinase
基因 ID (Gene ID)	51086.0
蛋白 ID (SwissProt ID)	Q59H18.The antiserum was produced against synthesized peptide derived from human TNNI3K. AA range:301-350

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

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研究背景 (Background)

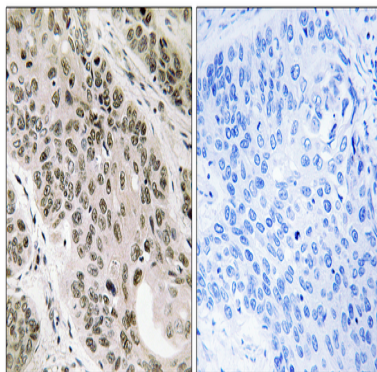
This gene encodes a protein that belongs to the MAP kinase kinase kinase (MAPKKK) family of protein kinases. The protein contains ankyrin repeat, protein kinase and serine-rich domains and is thought to play a role in cardiac physiology.

[provided by RefSeq, Sep 2012], catalytic activity: ATP + a protein = ADP + a phosphoprotein., catalytic activity: GTP + beta-L-fucose 1-phosphate = diphosphate + GDP-L-fucose., cofactor: Magnesium., function: Catalyzes the formation of GDP-L-fucose from GTP and L-fucose-1-phosphate. Functions as a salvage pathway to reutilize L-fucose arising from the turnover of glycoproteins and glycolipids., function: May play a role in cardiac physiology., PTM: Autophosphorylated., similarity: Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily., similarity: Contains 1 protein kinase domain., similarity: Contains 10 ANK repeats., subcellular location: Expressed at lower levels in the cytoplasm., subunit: Interacts with TNNI3, ACTC, ACTA1, MYBPC3, AIP, BABP3 and HADHB., tissue specificity: Expressed in many tissues., tissue specificity: Highly expressed in both adult and fetal heart.,

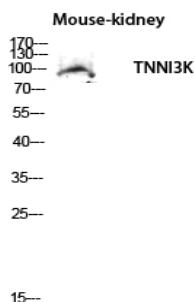
研究领域 (Research Area)

Fructose and mannose metabolism; Amino sugar and nucleotide sugar metabolism;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using TNNI3K Antibody. The picture on the right is blocked with the synthesized peptide.



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Western blot analysis of Mouse-kidney lysis using TNNI3K antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .