

产品名称: TRAAK Rabbit Polyclonal Antibody
产品货号: APRab19176



产品概述 (Summary)

产品名称 (Production Name)	TRAAK Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

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)	KCNK4 KCNK4; TRAAK; Potassium channel subfamily K member 4; TWIK-related arachidonic acid-stimulated potassium channel protein; TRAAK; Two pore potassium channel KT4.1; Two pore K(+) channel KT4.1
别名 (Alternative Names)	
基因 ID (Gene ID)	50801.0
蛋白 ID (SwissProt ID)	Q9NYG8.The antiserum was produced against synthesized peptide derived from human KCNK4. AA range:332-381

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	45kDa

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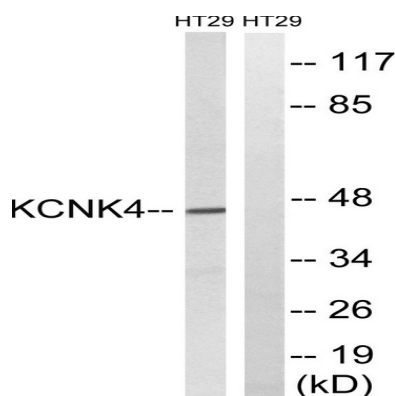
研究背景 (Background)

This gene encodes a member of the TWIK-related arachidonic acid-stimulated two pore potassium channel subfamily. The encoded protein homodimerizes and functions as an outwardly rectifying channel. This channel is regulated by polyunsaturated fatty acids, temperature and mechanical deformation of the lipid membrane. This protein is expressed primarily in neural tissues and may be involved in regulating the noxious input threshold in dorsal root ganglia neurons. Alternate splicing results in multiple transcript variants. Naturally occurring read-through transcripts also exist between this gene and the downstream testis expressed 40 (TEX40) gene, as represented in GeneID: 106780802. [provided by RefSeq, Nov 2015],function:Voltage insensitive, instantaneous, outwardly rectifying potassium channel. Outward rectification is reversed at high external K(+) concentrations.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer .,

研究领域 (Research Area)

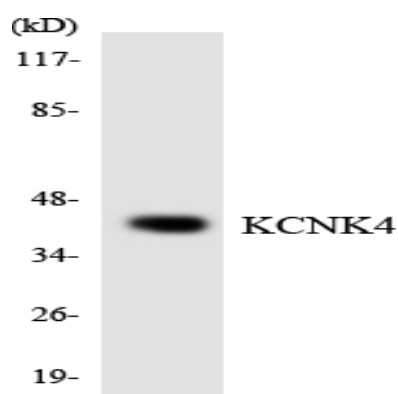
Cell Biology; Apoptosis; Intracellular; Associated Proteins; Signal Transduction; Adapters; Cytoplasmic; Signaling Pathway; Nuclear Signaling; NFkB Pathway; Growth Factors/Hormones; TNF; Cancer; Growth factors; Cardiovascular; Atherosclerosis; Vascular Inflammation; Inflammatory mediators

图片 (Image Data)

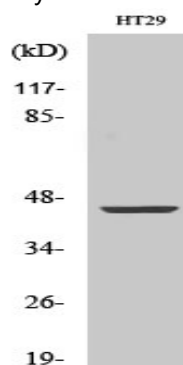


Western blot analysis of lysates from HT-29 cells, using KCNK4 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HUVEC cells using KCNK4 antibody.



Western Blot analysis of various cells using TRAAK Polyclonal Antibody. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .