

产品名称: cGKII Rabbit Polyclonal Antibody
产品货号: AP Rab08722



产品概述 (Summary)

产品名称 (Production Name)	cGKII 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)	PRKG2
别名 (Alternative Names)	PRKG2; PRKGR2; cGMP-dependent protein kinase 2; cGK 2; cGK2; cGMP-dependent protein kinase II; cGKII
基因 ID (Gene ID)	5593.0
蛋白 ID (SwissProt ID)	Q13237.The antiserum was produced against synthesized peptide derived from human PKG2. AA range:92-141

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 1:20000-1:40000
蛋白分子量 (Molecular Weight)	87kDa

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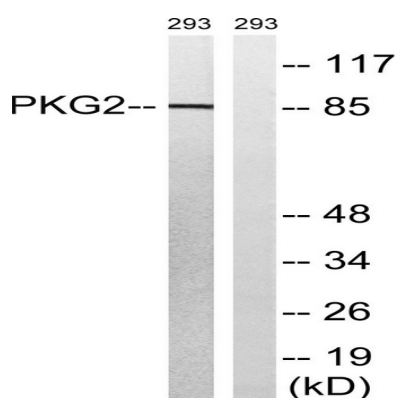
研究背景 (Background)

This gene encodes a protein that belongs to the serine/threonine protein kinase family of proteins. The encoded protein plays a role in the regulation of fluid balance in the intestine. A similar protein in mouse is thought to regulate differentiation and proliferation of cells in the colon. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013], catalytic activity: ATP + a protein = ADP + a phosphoprotein., enzyme regulation: Binding of cGMP results in enzyme activation., similarity: Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. cGMP subfamily., similarity: Contains 1 AGC-kinase C-terminal domain., similarity: Contains 1 protein kinase domain., similarity: Contains 2 cyclic nucleotide-binding domains., tissue specificity: Highly concentrated in brain, lung and intestinal mucosa.,

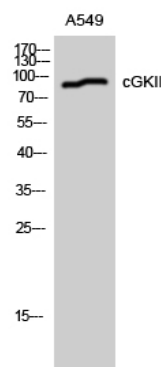
研究领域 (Research Area)

Gap junction; Long-term depression; Olfactory transduction;

图片 (Image Data)

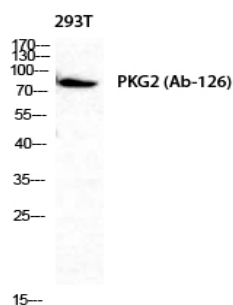


Western blot analysis of lysates from 293 cells, treated with anisomycin 25ug/ml 30', using PKG2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of A549 cells using cGKII Polyclonal Antibody diluted at 1: 1000

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Western Blot analysis of 293T cells using cGKII Polyclonal Antibody diluted at 1 : 1000

注意事项 (Note)

For research use only .