

产品名称: GRK 3 Rabbit Polyclonal Antibody
产品货号: AP Rab11774



产品概述 (Summary)

产品名称 (Production Name)	GRK 3 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)	ADRBK2
别名 (Alternative Names)	ADRBK2; BARK2; GRK3; Beta-adrenergic receptor kinase 2; Beta-ARK-2; G-protein-coupled receptor kinase 3
基因 ID (Gene ID)	157.0
蛋白 ID (SwissProt ID)	P35626.The antiserum was produced against synthesized peptide derived from human GRK3. AA range:361-410

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

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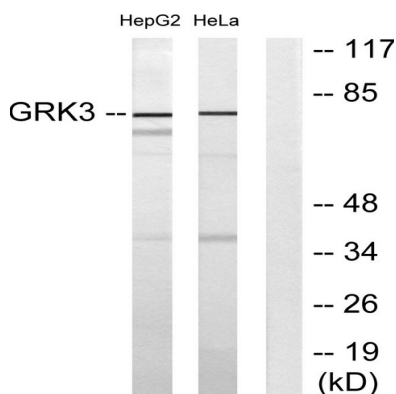
研究背景 (Background)

The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function. [provided by RefSeq, Jul 2008],catalytic activity:ATP + [beta-adrenergic receptor] = ADP + [beta-adrenergic receptor] phosphate.,function:Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 RGS domain.,

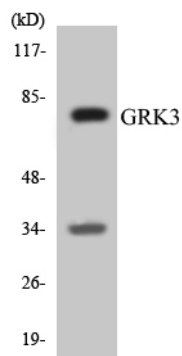
研究领域 (Research Area)

Chemokine;Endocytosis;Olfactory transduction;

图片 (Image Data)

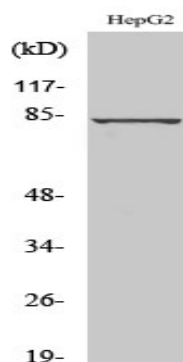


Western blot analysis of lysates from HepG2 and HeLa cells, using GRK3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using GRK3 antibody.

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Western Blot analysis of various cells using GRK 3 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .