

**产品名称: GRK 5 Rabbit Polyclonal Antibody**  
**产品货号: APRab11776**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | GRK 5 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)        | GRK5                                                                                                    |
| 别名 (Alternative Names) | GRK5; GPRK5; G protein-coupled receptor kinase 5; G protein-coupled receptor kinase GRK5                |
| 基因 ID (Gene ID)        | 2869.0                                                                                                  |
| 蛋白 ID (SwissProt ID)   | P34947.The antiserum was produced against synthesized peptide derived from human GRK5. AA range:351-400 |

## 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) | 68kDa                                                                  |

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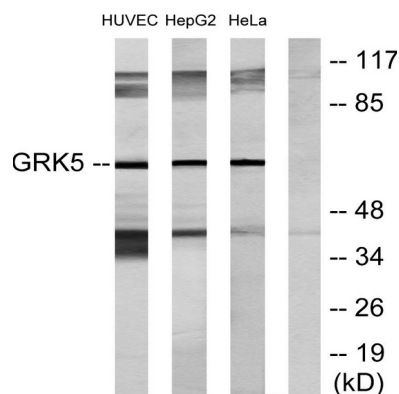
## 研究背景 (Background)

This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs). [provided by RefSeq, Jul 2008],catalytic activity:ATP + [G-protein-coupled receptor] = ADP + [G-protein-coupled receptor] phosphate.,function:Specifically phosphorylates the activated forms of G protein-coupled receptors.,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 protein kinase domain.,similarity:Contains 1 RGS domain.,tissue specificity:Highest levels in heart, placenta, lung > skeletal muscle > brain, liver, pancreas > kidney.,

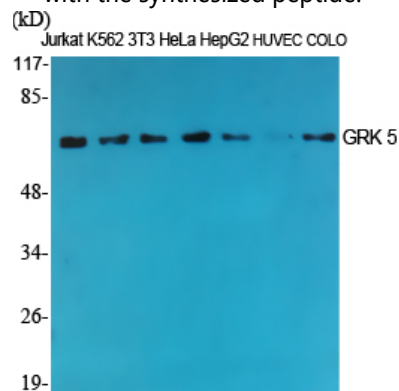
## 研究领域 (Research Area)

Chemokine;Endocytosis;

## 图片 (Image Data)

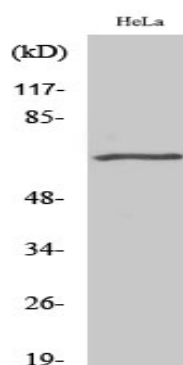


Western blot analysis of lysates from HeLa, HepG2, and HUVEC cells, using GRK5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GRK 5 Polyclonal Antibody

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Western Blot analysis of COLO205 cells using GRK 5 Polyclonal Antibody

### 注意事项 (Note)

For research use only .