

**产品名称: KCNF1 Rabbit Polyclonal Antibody**  
**产品货号: APRab12934**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | KCNF1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | WB,IHC,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)        | KCNF1                                                                                                           |
| 别名 (Alternative Names) | KCNF1; Potassium voltage-gated channel subfamily F member 1; Voltage-gated potassium channel subunit Kv5.1; kH1 |
| 基因 ID (Gene ID)        | 3754.0                                                                                                          |
| 蛋白 ID (SwissProt ID)   | Q9H3M0.The antiserum was produced against synthesized peptide derived from human KCNF1. AA range:191-240        |

## 产品应用 (Application)

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 55kDa                                               |

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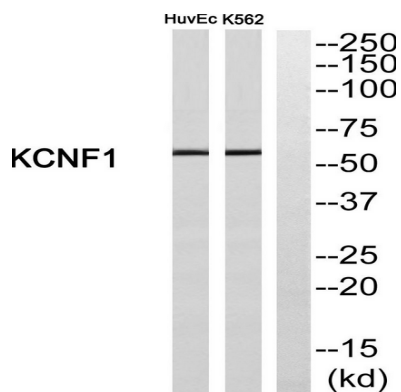


## 研究背景 (Background)

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily F. This gene is intronless and expressed in all tissues tested, including the heart, skeletal muscle, brain, kidney, and pancreas. [provided by RefSeq, Jul 2008],domain:The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.,function:Putative voltage-gated potassium channel.,similarity:Belongs to the potassium channel family. F subfamily.,subunit:Heteromultimer with KCNG3, KCNG4 and KCNV2. Interacts with DLG1.,tissue specificity:Detected in heart, brain, liver, skeletal muscle, kidney and pancreas.,

## 研究领域 (Research Area)

## 图片 (Image Data)



Western blot analysis of KCNF1 Antibody. The lane on the right is blocked with the KCNF1 peptide.

## 注意事项 (Note)

For research use only .